

EPA Reg. Jacket 100-1460

Material to be added to an e-Jacket/Jacket

Reg. No. 100-1460

Description: _____

1. ☐ Placement within the e-Jacket/jacket:

☐ Default: (chronological, top = newest)

☐ File Location: (PDF page number, i.e., "before page 45")

2. ☐ Send to Data Extraction contractors this material:

☐ Newly stamped accepted label

☒ Notification

☐ New CSF

☐ Other: _____

3. Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer's Name: Dave Daniel

Phone: 703 305-5409 Division: RD

Date: 5/10/13



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

MAY 10 2013

Mr. Patrick McCain
Syngenta Crop Protection. LLC
P.O. Box 18300
Greensboro, NC 27419-8300

Subject: Addition of an Alternate Brand Name

Dear Mr. McCain:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated April 30, 2013 for:

EPA Registration Number: 100-1460

SYTO511 (Alternate Name: CruiserMaxx®XL)



The Registration Division (RD) has conducted a review of this request of applicability under PRN 98-10 and finds that the label changes(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, call me at 703 305-5409 or daniel.dani@epa.gov.

Sincerely,

A handwritten signature in black ink, which appears to read "Dani Daniel", is written over a horizontal line.

Dani Daniel
Registration Division (7504P)
Insecticide/Rodenticide Branch

 United States Environmental Protection Agency Washington, DC 20460		MAY 10 2013 <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number NOTIFICATION
Application for Pesticide - Section I			
1. Company/Product Number 100-1460		2. EPA Product Manager Ms. Venus Eagle	
4. Company/Product (Name) SYT0511		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, LLC P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	
Section - II			
<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input checked="" type="checkbox"/> Notification - Explain below. <input type="checkbox"/> Other - Explain below.			
Explanation: Use additional page(s) if necessary. (For Section I and Section II.). Notification of alternate brand name "CruiserMaxx XL" per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.			
Section - III			
1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
*Certification must be submitted If "Yes" No. per If "Yes" No. per Unit Packaging wgt. Container Unit Packaging wgt. container			
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	
		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			
Section - IV			
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Patrick McCain		Title Senior Regulatory Product Manager	
		Telephone No. (Include Area Code) 336-632-7317	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Senior Regulatory Product Manager	
4. Typed Name Patrick McCain		5. Date April 30, 2013	



FedEx

April 30, 2013

Insecticide-Rodenticide Branch
Document Processing Desk (**NOTIF**)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
One Potomac Yard
2777 South Crystal Drive – Room S-4900
Arlington, VA 22202

Attention: Ms. Venus Eagle – PM Team 1, Insecticide-Rodenticide Branch

Subject: SYT0511 (EPA Reg No. 100-1460)
Notification of Alternate Brand Name "CruiserMaxx® XL"

Dear Ms. Eagle:

Syngenta Crop Protection, LLC is submitting a notification for SYT0511 seed treatment product (100-1460) to propose the alternate brand name "CruiserMaxx XL". This alternate brand name will be used to create the final printed label for sale to customers. A copy of the alternate brand name "CruiserMaxx XL" final printed labelling will be submitted to the EPA before releasing the product for shipment.

To complete this notification, enclosed are:

- One copy of the label with the alternate brand name changes clearly marked
- One unmarked copy of the label
- A CD with pdf of the unmarked copy of the label for "Electronic Comparison and Review"
- Completed EPA Application for Pesticide Registration Form 8570-1.
- Certification with respect to Label Integrity Form

We trust that you will find this submission in order; however, should you have any questions or comments, please contact me at 336-632-7317 or via email at patrick.mccain@syngenta.com.

Sincerely,

A handwritten signature in black ink that reads "Patrick McCain".

Patrick McCain
Senior Regulatory Product Manager

Enclosures

NOTIFICATION
MAY 10 2013

(Master label)

CruiserMaxx® XL

GROUP	4A	INSECTICIDE
GROUP	4	7 12 FUNGICIDES

Insecticide with Fungicides

A seed treatment product for protection against damage from listed insects, seed-borne diseases, and seedling diseases on soybean

Active Ingredients:

Thiamethoxam ¹	24.00 %
Mefenoxam ²	4.80 %
Fludioxonil ³	0.80 %
Sedaxane ⁴	0.80 %
Other Ingredients:	69.60 %
Total:	100.00 %

¹CAS No. 153719-23-4

²CAS No. 70630-17-0 and CAS No. 69516-34-3

³CAS No. 131341-86-1

⁴CAS No. 874967-67-6

One gallon of CruiserMaxx XL contains 2.28 lb thiamethoxam, 0.46 lb mefenoxam, 0.08 lb fludioxonil and 0.08 lb sedaxane.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet[onlabel].

EPA Reg. No. 100-1460

EPA Est. XXXXX

SCP 1460-MAS 0113 NOTIF ABN APR2013

Net Contents

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material – Category A (e.g., natural rubber ≥ 14 mils)
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This product is toxic to wildlife, freshwater and estuarine/marine fish and highly toxic to aquatic invertebrates. Runoff may be hazardous to aquatic organisms in neighboring areas. Exposed treated seed may be hazardous to wildlife. Do not contaminate water when disposing of equipment washwater or rinsate.

Pollinator Precautions:

Thiamethoxam is highly toxic to bees exposed to direct treatment, and effects may be possible as a result of exposure to translocated residues in blooming crops.

Groundwater Advisory:

Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Physical and Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use in commercial seed treatment facilities. Use is also permitted as an end-use seed treatment on agricultural establishments at planting, or immediately before planting, as specified in the Specific Crop Use Directions. This product is to be used in liquid or slurry treaters only.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours. Exception: If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material – Category A (e.g., natural rubber ≥ 14 mils)
- Shoes plus socks

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT AND/OR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

Treatment of highly mechanically scarred or damaged seed or seed known to be of low vigor and poor quality may result in reduced germination and/or reduction of seed and seedling vigor. Treat a quantity of seed using equipment similar to that planned for

treating the total seed lot. Prior to treatment, conduct germination tests on a portion of seed before committing the total seed lot to a selected seed treatment.

Due to seed quality, crop or variety sensitivity, and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of seed or propagating material for all crop seed when treated with CruiserMaxx XL.

USE INFORMATION

CruiserMaxx XL is a seed treatment product containing the active ingredients: thiamethoxam (insecticide) and fludioxonil, mefenoxam and sedaxane (fungicides). CruiserMaxx XL protects against damage from listed early season insects, soil-borne and seed-borne diseases of soybeans.

Thiamethoxam is a systemic seed treatment insecticide belonging to the neonicotinoid class of chemistry. Thiamethoxam protects against listed chewing and sucking insects through contact and ingestion.

Mefenoxam fungicide is active against *Pythium*, *Phytophthora* and systemic downy mildew.

Fludioxonil fungicide is active against *Fusarium*, *Rhizoctonia*, and suppresses seed-borne *Sclerotinia* and *Phomopsis* species.

Sedaxane fungicide is active against seed decay, seedling blight and damping-off caused by *Rhizoctonia* species.

Resistance Management

CruiserMaxx XL contains thiamethoxam, a Group 4A insecticide; mefenoxam, a Group 4 fungicide, fludioxonil, a Group 12 fungicide; and sedaxane, a Group 7 fungicide.

Some insect pests are known to develop resistance to products after repeated use. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area. Syngenta encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

CruiserMaxx XL contains a Group 4A insecticide (thiamethoxam, belonging to the neonicotinoid class of chemistry). Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species. This may result in partial or total loss of control of those species by CruiserMaxx XL or other Group 4A insecticides.

In order to maintain susceptibility to this class of chemistry:

- Avoid using Group 4A insecticides exclusively for season long control of insect species with more than one generation per crop season.
- For insect species with successive or overlapping generations, apply CruiserMaxx XL or other Group 4A insecticides using a “treatment window” approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated in the Directions for Use) of the Group 4A insecticides. Do not exceed the maximum CruiserMaxx XL allowed per growing season.
- Following a treatment window of Group 4A insecticides, rotate to a treatment window of effective products with a different mode of action before making additional applications of Group 4A insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest’s ability to develop resistance to this class of chemistry.
- If resistance is suspected, do not reapply CruiserMaxx XL or any other Group 4A insecticides.

Other Insect Resistance Management (IRM) practices include:

- Incorporating IPM techniques into your insect control program.
- Monitoring treated insect populations for loss of field efficacy.
- Using tank-mixtures or premixes with insecticides from a different target site of action group as long as the involved products are all registered for the same crop outlet and effective rates are applied.

For additional information on Insect Resistance Management:

- Contact your local extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at: <http://www.irac-online.org/>.

CruiserMaxx XL contains the fungicide mefenoxam, a systemic fungicide having a specific mode of action against fungal pathogens.

Note: The fungicide mefenoxam contained in this product could be subject to development of resistant strains of fungi or may be ineffective against naturally occurring strains of fungi. Development of resistance or natural tolerance cannot be predicted. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible resistant or tolerant strains of fungi which may occur.

Consult your local pest control advisor or extension office for additional methods for preventing resistance development. Syngenta encourages responsible product stewardship to ensure effective long term control of the insect pests on this label.

MIXING PROCEDURES

Important: Always re-circulate CruiserMaxx XL thoroughly before using.

The typical density of CruiserMaxx XL is 9.51 pounds per gallon. Consult the manufacturer of the application equipment you plan to use for suitability for this application and for instructions on operation and calibration of the equipment. Follow the manufacturer application instructions for the seed treatment equipment being used.

Apply CruiserMaxx XL as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the specified amount of CruiserMaxx XL into the required amount of water or liquid inoculant for the slurry treater and dilution rate to be used.

Certain crops require addition of inoculants when the seed is treated or planted. CruiserMaxx XL is compatible with several liquid inoculant products. Consult the maker of the inoculant product and a Syngenta Crop Protection representative for directions before applying CruiserMaxx XL with inoculants.

The total application volume must be sufficient to provide desired level of coverage. Dilution is typically done with water or liquid inoculants. The minimum slurry volume to achieve adequate coverage is 4.0 fluid ounces per 100 pounds of seed. More diluent may be required to obtain complete coverage.

Continuous agitation or mixing of the slurry mixture is necessary to prevent settling out of the solution.

Allow seed to dry before bagging.

Follow planter manufacturer specifications for use of talc or other hopper box additives at planting. Seed must be completely dry before adding to planter.

Use an EPA approved dye/colorant that imparts an unnatural color to the seed as required in 40CFR 153.155(c).

SEED BAG LABEL REQUIREMENTS

The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

- This seed has been treated with thiamethoxam insecticide and fludioxonil, mefenoxam, and sedaxane fungicides.
- Do not use for feed, food, or oil purposes.
- User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with CruiserMaxx XL:

- **Ground Water Advisory:**
Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.
Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.
- **Pollinator Precautions:**
Thiamethoxam is highly toxic to bees, and effects are possible as a result of exposure to translocated residues in blooming crops.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in the ethanol by-products that are used in agronomic practice.
- Do not allow children, pets, or livestock to have access to treated seed.
- Store away from feeds and foodstuffs.
- Wear long-sleeved shirt, long pants and chemical resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Dispose of all excess treated seed. Leftover treated seed may be doublesown around the headland or buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of seed packaging in accordance with local requirements.
- For seed treated with CruiserMaxx XL, do not graze or feed livestock on treated areas for 45 days after planting.

- In the event of a crop failure or harvest of a crop grown from CruiserMaxx XL treated seed, the field may be replanted immediately to canola, soybean, barley, oat, rye, triticale and wheat.
- Alfalfa, *Brassica* (cole) leafy vegetables, buckwheat, corn, pearl millet, proso millet, popcorn, rice (dry-seeded), sorghum, teosinte, wild rice, cotton, cucurbit vegetables, dry bulb onions, fruiting vegetables, leafy vegetables, legume vegetables, mint (peppermint and spearmint), oil seed crops (black mustard seed, borage seed, crambe seed, field mustard seed, flax seed, Indian mustard seed, Indian rapeseed seed, peanuts, rapeseed seed, and safflower seed), root vegetables, strawberry, sunflowers, tobacco, and tuberous and corm vegetables may be planted 30 days from the date the CruiserMaxx XL treated seed was planted.
- For any other crop, the minimum plant back interval is 120 days from the date the CruiserMaxx XL treated seed was planted. A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 120 day interval; however, the crop may not be grazed or harvested for food or feed.
- Do not use at a rate that will result in more than 0.266 lb thiamethoxam per acre (120.6 grams ai/A) per year as a seed treatment application.
- This seed has been treated with 0.1134 mg ai thiamethoxam per seed.
- Do not apply a neonicotinoid insecticide within 45 days of planting seed treated with CruiserMaxx XL.

CROP USE DIRECTIONS

When applied according to the **CruiserMaxx XL RATE TABLE**, CruiserMaxx XL provides early season protection against injury by aphids, bean leaf beetle, grape colaspis, leaf miners, leaf hoppers, Mexican bean beetle, seed corn maggot, threecornered alfalfa hopper, thrips, white grubs, and wireworm.

CruiserMaxx XL provides protection against damping-off and seed borne rots due to *Pythium*, *Phytophthora*, *Fusarium*, *Rhizoctonia* species and early season *Phytophthora* root rot. CruiserMaxx XL also suppresses seed-borne *Sclerotinia* and *Phomopsis* species.

CruiserMaxx XL RATE TABLE¹

Crop	Rate of CruiserMaxx XL		
Soybean, including soybean, vegetable	fl oz per 100 lb seed or fl oz per 140,000 seeds	grams ai per 100 kg seed	mg ai per seed
	4.21 fl oz or 1.96 fl oz per 140,000 seeds	Thiamethoxam 75 gm Mefenoxam 15.0 gm Fludioxonil 2.5 gm Sedaxane 2.5 gm	Thiamethoxam 0.1134 mg Mefenoxam 0.0227 mg Fludioxonil 0.0038 mg Sedaxane 0.0038 mg Total = 0.1436 mg

¹The mg ai per seed and fl oz CruiserMaxx XL per 100 lb seed and 140,000 seeds rates are based on 3,000 seeds per pound.

Stored Grain Protection

+ Stored Grain Sites

When treated according to the directions for post-planting protection against listed pests, CruiserMaxx XL will also provide protection during post treatment storage of the soybean seed against damage from the following stored grain insects: Indian Meal Moth (*Plodia interpunctella*), Rice Weevil (*Sitophilus oryza*), Red Flour Beetle (*Tribolium castaneum*), and Lesser Grain Borer (*Rhizopertha dominica*).

If the soybean seed to be treated has existing infestations of stored grain insects, fumigate the seed with a registered product approved for such use, prior to treating with CruiserMaxx XL and bagging.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

Pesticide Storage

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Handling [5 gallons or less]

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Container Handling [greater than 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other side and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Refillable container. Refill this container with CruiserMaxx XL only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling.

To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

CruiserMaxx®, the ALLIANCE FRAME, the SYNGENTA Logo, and the PURPOSE ICON are Trademarks of a Syngenta Group Company
©2012 Syngenta

<p>For non-emergency (e.g., current product information), call Syngenta Crop Protection at 1-800-334-9481.</p>
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Manufactured for:
Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1460A-MAS 0113 NOTIF ABN APR2013
000100-01460.20130430.SYT0511-NOTIF-ABN-APR2013-CLEAN.pdf

(Non-detachable Container Label)

CruiserMaxx XL

GROUP	4A	INSECTICIDE
GROUP	4	7 12 FUNGICIDES

Insecticide with Fungicides

A seed treatment product for protection against damage from listed insects, seed-borne diseases, and seedling diseases on soybean

Active Ingredients:

Thiamethoxam ¹	24.00 %
Mefenoxam ²	4.80 %
Fludioxonil ³	0.80 %
Sedaxane ⁴	0.80 %
Other Ingredients:	69.60 %
Total:	100.00 %

¹CAS No. 153719-23-4²CAS No. 70630-17-0 and CAS No. 69516-34-3³CAS No. 131341-86-1⁴CAS No. 874967-67-6

One gallon of CruiserMaxx XL contains 2.28 lb thiamethoxam, 0.46 lb mefenoxam, 0.08 lb fludioxonil and 0.08 lb sedaxane.

KEEP OUT OF REACH OF CHILDREN.**CAUTION**

See additional precautionary statements and directions for use in booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-1460

EPA Est. XXXXX

SCP 1460A-MAS 0113 NOTIF ABN APR2013

 Net Contents

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
	<ul style="list-style-type: none"> •
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372	

Environmental Hazards

This product is toxic to wildlife, freshwater and estuarine/marine fish and highly toxic to aquatic invertebrates. Runoff may be hazardous to aquatic organisms in neighboring areas. Exposed treated seed may be hazardous to wildlife. Do not contaminate water when disposing of equipment washwater or rinsate.

Pollinator Precautions:

Thiamethoxam is highly toxic to bees exposed to direct treatment, and effects may be possible as a result of exposure to translocated residues in blooming crops.

Groundwater Advisory:

Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Physical and Chemical Hazards

Do not use, pour, spill or store near heat or open flame

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

Pesticide Storage

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Handling [5 gallons or less]

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Container Handling [greater than 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other side and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Refillable container. Refill this container with CruiserMaxx XL only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the

responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling.

To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

CruiserMaxx® and the Syngenta Logo are Trademarks of a Syngenta Group Company.
©2012 Syngenta

Manufactured for :
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1460A-MAS 0113 NOTIF ABN APR2013
000100-01460.20130430.SYT0511-NOTIF-ABN-APR2013-CLEAN.pdf

(Non-detachable Container Label - Bulk)

CruiserMaxx® XL

GROUP	4A	INSECTICIDE
GROUP	4	7 12 FUNGICIDES

Insecticide with Fungicides

A seed treatment product for protection against damage from listed insects, seed-borne diseases, and seedling diseases on soybean

Active Ingredients:

Thiamethoxam ¹	24.00 %
Mefenoxam ²	4.80 %
Fludioxonil ³	0.80 %
Sedaxane ⁴	0.80 %
Other Ingredients:	69.60 %
Total:	100.00 %

¹CAS No. 153719-23-4²CAS No. 70630-17-0 and CAS No. 69516-34-3³CAS No. 131341-86-1⁴CAS No. 874967-67-6

One gallon of CruiserMaxx XL contains 2.28 lb thiamethoxam, 0.46 lb mefenoxam, 0.08 lb fludioxonil and 0.08 lb sedaxane.

KEEP OUT OF REACH OF CHILDREN.**CAUTION**

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1460

EPA Est. XXXXX

SCP 1460A-MAS 0113 NOTIF ABN APR2013

_____gallons
Net Contents

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
	•
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372	

Environmental Hazards

This product is toxic to wildlife, freshwater and estuarine/marine fish and highly toxic to aquatic invertebrates. Runoff may be hazardous to aquatic organisms in neighboring areas. Exposed treated seed may be hazardous to wildlife. Do not contaminate water when disposing of equipment washwater or rinsate.

Pollinator Precautions:

Thiamethoxam is highly toxic to bees exposed to direct treatment, and effects may be possible as a result of exposure to translocated residues in blooming crops.

Groundwater Advisory:

Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Physical and Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use in commercial seed treatment facilities. Use is also permitted as an end-use seed treatment on agricultural establishments at planting, or immediately before planting, as specified in the Specific Crop Use Directions. This product is to be used in liquid or slurry treaters only.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

Pesticide Storage

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Handling

Refillable container. Refill this container with CruiserMaxx XL only. Do not reuse the container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling.

To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and

dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

CruiserMaxx®, the ALLIANCE FRAME, the SYNGENTA Logo, and the PURPOSE
ICON are Trademarks of a Syngenta Group Company
©2012 Syngenta

For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for :
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1460A-MAS 0113 NOTIF ABN APR2013
000100-01460.20130430.SYT0511-NOTIF-ABN-APR2013-CLEAN.pdf

Certification with Respect to Label Integrity

Version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
100-1460	4/30/13	000100-01460.20130430.SYT0511.NOTIF-ABN-APR2013-CLEAN.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.



Signature

April 30, 2013

Date

Patrick McCain

Name (typed)

Senior Regulatory Product

Manager

Title

Material Sent for Data Extraction

Reg. # 100-1460

Description: New Product Registration



Material(s) Sent to Data Extraction Contractors:



New Stamped Label Dated 1/30/2013



Notification Dated _____



New CSFs Dated 6/28/2012 (Basic + Alt #1)



Other: _____



Decision #: 467525



Other Action/Comments: _____

File this coversheet and attached materials in the jacket. It must be well organized and clipped together, NOT STAPLED. Then give the jacket with the coversheet and materials to staff in the Information Services Center (ISC) (Room S-4900). If a jacket is full or only available as an image, please file materials in a new jacket and bring it down to the (ISC). For further information please call 703-605-0716.

Reviewer: Julie A. Chao

Phone: 308-8735 Division: RD/IRB

Date: January 30, 2013



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

100-1460

Date of Issuance:

JAN 30 2013

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

SYT0511

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection
P.O. Box 18300
Greensboro, NC 27419

ATTN: Mr. Patrick McCain

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Venus Eagle, Product Manager 01

Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:

JAN 30 2013

3. Submit or cite any data which have previously been required for thiamethoxam, mefenoxam, fludioxonil, or sedaxane.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No 100-1460."
5. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF (1340/1), dated 6/28/12
- Alternate CSF #1 (1341/1), dated 6/28/12

If you have any questions, please contact Julie Chao at 703-308-8735 or chao.julie@epa.gov.

Venus Eagle
Product Manager 01
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure

(Master label)

SYT0511

GROUP	4A	INSECTICIDE		
GROUP	4	7	12	FUNGICIDES

Insecticide with Fungicides

A seed treatment product for protection against damage from listed insects, seed-borne diseases, and seedling diseases on soybean

Active Ingredients:

Thiamethoxam ¹	24.00 %
Mefenoxam ²	4.80 %
Fludioxonil ³	0.80 %
Sedaxane ⁴	0.80 %
Other Ingredients:	69.60 %
Total:	100.00 %

¹CAS No. 153719-23-4

²CAS No. 70630-17-0 and CAS No. 69516-34-3

³CAS No. 131341-86-1

⁴CAS No. 874967-67-6

One gallon of SYT0511 contains 2.28 lb thiamethoxam, 0.46 lb mefenoxam, 0.08 lb fludioxonil and 0.08 lb sedaxane.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet[onlabel].

EPA Reg. No. 100-xxxxx

EPA Est. XXXXX

SCP xxxxx-M(draft SYT0511)

Net Contents

ACCEPTED
JAN 30 2013

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:

EPA. Reg. No: 100-1460

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<p align="center">HOT LINE NUMBER</p> <p align="center">For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material – Category A (e.g., natural rubber \geq 14 mils)
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This product is toxic to wildlife, freshwater and estuarine/marine fish and highly toxic to aquatic invertebrates. Runoff may be hazardous to aquatic organisms in neighboring areas. Exposed treated seed may be hazardous to wildlife. Do not contaminate water when disposing of equipment washwater or rinsate.

Pollinator Precautions:

Thiamethoxam is highly toxic to bees exposed to direct treatment, and effects may be possible as a result of exposure to translocated residues in blooming crops.

Groundwater Advisory:

Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Physical and Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use in commercial seed treatment facilities. Use is also permitted as an end-use seed treatment on agricultural establishments at planting, or immediately before planting, as specified in the Specific Crop Use Directions. This product is to be used in liquid or slurry treaters only.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours. Exception: If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material – Category A (e.g., natural rubber \geq 14 mils)
- Shoes plus socks

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT AND/OR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

Treatment of highly mechanically scarred or damaged seed or seed known to be of low vigor and poor quality may result in reduced germination and/or reduction of seed and seedling vigor. Treat a quantity of seed using equipment similar to that planned for

treating the total seed lot. Prior to treatment, conduct germination tests on a portion of seed before committing the total seed lot to a selected seed treatment.

Due to seed quality, crop or variety sensitivity, and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of seed or propagating material for all crop seed when treated with SYT0511.

USE INFORMATION

SYT0511 is a seed treatment product containing the active ingredients: thiamethoxam (insecticide) and fludioxonil, mefenoxam and sedaxane (fungicides). SYT0511 protects against damage from listed early season insects, soil-borne and seed-borne diseases of soybeans.

Thiamethoxam is a systemic seed treatment insecticide belonging to the neonicotinoid class of chemistry. Thiamethoxam protects against listed chewing and sucking insects through contact and ingestion.

Mefenoxam fungicide is active against *Pythium*, *Phytophthora* and systemic downy mildew.

Fludioxonil fungicide is active against *Fusarium*, *Rhizoctonia*, and suppresses seed-borne *Sclerotinia* and *Phomopsis* species.

Sedaxane fungicide is active against seed decay, seedling blight and damping-off caused by *Rhizoctonia* species.

Resistance Management

SYT0511 contains thiamethoxam, a Group 4A insecticide; mefenoxam, a Group 4 fungicide, fludioxonil, a Group 12 fungicide; and sedaxane, a Group 7 fungicide.

Some insect pests are known to develop resistance to products after repeated use. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area. Syngenta encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

SYT0511 contains a Group 4A insecticide (thiamethoxam, belonging to the neonicotinoid class of chemistry). Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species. This may result in partial or total loss of control of those species by SYT0511 or other Group 4A insecticides.

In order to maintain susceptibility to this class of chemistry:

- Avoid using Group 4A insecticides exclusively for season long control of insect species with more than one generation per crop season.
- For insect species with successive or overlapping generations, apply SYT0511 or other Group 4A insecticides using a “treatment window” approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated in the Directions for Use) of the Group 4A insecticides. Do not exceed the maximum SYT0511 allowed per growing season.
- Following a treatment window of Group 4A insecticides, rotate to a treatment window of effective products with a different mode of action before making additional applications of Group 4A insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest’s ability to develop resistance to this class of chemistry.
- If resistance is suspected, do not reapply SYT0511 or any other Group 4A insecticides.

Other Insect Resistance Management (IRM) practices include:

- Incorporating IPM techniques into your insect control program.
- Monitoring treated insect populations for loss of field efficacy.
- Using tank-mixtures or premixes with insecticides from a different target site of action group as long as the involved products are all registered for the same crop outlet and effective rates are applied.

For additional information on Insect Resistance Management:

- Contact your local extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at: <http://www.irac-online.org/>.

SYT0511 contains the fungicide mefenoxam, a systemic fungicide having a specific mode of action against fungal pathogens.

Note: The fungicide mefenoxam contained in this product could be subject to development of resistant strains of fungi or may be ineffective against naturally occurring strains of fungi. Development of resistance or natural tolerance cannot be predicted. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible resistant or tolerant strains of fungi which may occur.

Consult your local pest control advisor or extension office for additional methods for preventing resistance development. Syngenta encourages responsible product stewardship to ensure effective long term control of the insect pests on this label.

MIXING PROCEDURES

Important: Always re-circulate SYT0511 thoroughly before using.

The typical density of SYT0511 is 9.51 pounds per gallon. Consult the manufacturer of the application equipment you plan to use for suitability for this application and for instructions on operation and calibration of the equipment. Follow the manufacturer application instructions for the seed treatment equipment being used.

Apply SYT0511 as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the specified amount of SYT0511 into the required amount of water or liquid inoculant for the slurry treater and dilution rate to be used.

Certain crops require addition of inoculants when the seed is treated or planted. SYT0511 is compatible with several liquid inoculant products. Consult the maker of the inoculant product and a Syngenta Crop Protection representative for directions before applying SYT0511 with inoculants.

The total application volume must be sufficient to provide desired level of coverage. Dilution is typically done with water or liquid inoculants. The minimum slurry volume to achieve adequate coverage is 4.0 fluid ounces per 100 pounds of seed. More diluent may be required to obtain complete coverage.

Continuous agitation or mixing of the slurry mixture is necessary to prevent settling out of the solution.

Allow seed to dry before bagging.

Follow planter manufacturer specifications for use of talc or other hopper box additives at planting. Seed must be completely dry before adding to planter.

Use an EPA approved dye/colorant that imparts an unnatural color to the seed as required in 40CFR 153.155(c).

SEED BAG LABEL REQUIREMENTS

The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

- This seed has been treated with thiamethoxam insecticide and fludioxonil, mefenoxam, and sedaxane fungicides.
- Do not use for feed, food, or oil purposes.
- User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with SYT0511:

- Ground Water Advisory:
Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.
Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.
- Pollinator Precautions:
Thiamethoxam is highly toxic to bees, and effects are possible as a result of exposure to translocated residues in blooming crops.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in the ethanol by-products that are used in agronomic practice.
- Do not allow children, pets, or livestock to have access to treated seed.
- Store away from feeds and foodstuffs.
- Wear long-sleeved shirt, long pants and chemical resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Dispose of all excess treated seed. Leftover treated seed may be doublesown around the headland or buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of seed packaging in accordance with local requirements.
- For seed treated with SYT0511, do not graze or feed livestock on treated areas for 45 days after planting.

- In the event of a crop failure or harvest of a crop grown from SYT0511 treated seed, the field may be replanted immediately to canola, soybean, barley, oat, rye, triticale and wheat.
- Alfalfa, *Brassica* (cole) leafy vegetables, buckwheat, corn, pearl millet, proso millet, popcorn, rice (dry-seeded), sorghum, teosinte, wild rice, cotton, cucurbit vegetables, dry bulb onions, fruiting vegetables, leafy vegetables, legume vegetables, mint (peppermint and spearmint), oil seed crops (black mustard seed, borage seed, crambe seed, field mustard seed, flax seed, Indian mustard seed, Indian rapeseed seed, peanuts, rapeseed seed, and safflower seed), root vegetables, strawberry, sunflowers, tobacco, and tuberous and corm vegetables may be planted 30 days from the date the SYT0511 treated seed was planted.
- For any other crop, the minimum plant back interval is 120 days from the date the SYT0511 treated seed was planted. A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 120 day interval; however, the crop may not be grazed or harvested for food or feed.
- Do not use at a rate that will result in more than 0.266 lb thiamethoxam per acre (120.6 grams ai/A) per year as a seed treatment application.
- This seed has been treated with 0.1134 mg ai thiamethoxam per seed.
- Do not apply a neonicotinoid insecticide within 45 days of planting seed treated with SYT0511.

CROP USE DIRECTIONS

When applied according to the **SYT0511 RATE TABLE**, SYT0511 provides early season protection against injury by aphids, bean leaf beetle, grape colaspis, leaf miners, leaf hoppers, Mexican bean beetle, seed corn maggot, threecornered alfalfa hopper, thrips, white grubs, and wireworm.

SYT0511 provides protection against damping-off and seed borne rots due to *Pythium*, *Phytophthora*, *Fusarium*, *Rhizoctonia* species and early season *Phytophthora* root rot. SYT0511 also suppresses seed-borne *Sclerotinia* and *Phomopsis* species.

SYT0511 RATE TABLE¹

Crop	Rate of SYT0511		
Soybean, including soybean, vegetable	fl oz per 100 lb seed or fl oz per 140,000 seeds	grams ai per 100 kg seed	mg ai per seed
	4.21 fl oz or 1.96 fl oz per 140,000 seeds	Thiamethoxam 75 gm Mefenoxam 15.0 gm Fludioxonil 2.5 gm Sedaxane 2.5 gm	Thiamethoxam 0.1134 mg Mefenoxam 0.0227 mg Fludioxonil 0.0038 mg Sedaxane 0.0038 mg Total = 0.1436 mg

¹The mg ai per seed and fl oz SYT0511 per 100 lb seed and 140,000 seeds rates are based on 3,000 seeds per pound.

Stored Grain Protection

When treated according to the directions for post-planting protection against listed pests, SYT0511 will also provide protection during post treatment storage of the soybean seed against damage from the following stored grain insects: Indian Meal Moth (*Plodia interpunctella*), Rice Weevil (*Sitophilus oryza*), Red Flour Beetle (*Tribolium castaneum*), and Lesser Grain Borer (*Rhizopertha dominica*).

If the soybean seed to be treated has existing infestations of stored grain insects, fumigate the seed with a registered product approved for such use, prior to treating with SYT0511 and bagging.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

Pesticide Storage

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Handling [5 gallons or less]

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Container Handling [greater than 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other side and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Refillable container. Refill this container with SYT0511 only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling.

To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

The ALLIANCE FRAME, the SYNGENTA Logo, and the PURPOSE ICON are
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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300

SCP xxxxxA-M(draft SYT0511)

SYT0511-M(draft SYT0511)VER-C-CLEAN-dt-1-28-13 000100-xxxxx.20120717C.SYT0511-CLEAN.pdf

(Non-detachable Container Label)

SYT0511

GROUP	4A	INSECTICIDE		
GROUP	4	7	12	FUNGICIDES

Insecticide with Fungicides

A seed treatment product for protection against damage from listed insects, seed-borne diseases, and seedling diseases on soybean

Active Ingredients:

Thiamethoxam ¹	24.00 %
Mefenoxam ²	4.80 %
Fludioxonil ³	0.80 %
Sedaxane ⁴	0.80 %

Other Ingredients:	69.60 %
--------------------	---------

Total:	100.00 %
--------	----------

¹CAS No. 153719-23-4²CAS No. 70630-17-0 and CAS No. 69516-34-3³CAS No. 131341-86-1⁴CAS No. 874967-67-6

One gallon of SYT0511 contains 2.28 lb thiamethoxam, 0.46 lb mefenoxam, 0.08 lb fludioxonil and 0.08 lb sedaxane.

KEEP OUT OF REACH OF CHILDREN.**CAUTION**

See additional precautionary statements and directions for use in booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-xxxx

EPA Est. XXXXX

SCP xxxxx-M(draft SYT0511)

 Net Contents

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
	•
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372	

Environmental Hazards

This product is toxic to wildlife, freshwater and estuarine/marine fish and highly toxic to aquatic invertebrates. Runoff may be hazardous to aquatic organisms in neighboring areas. Exposed treated seed may be hazardous to wildlife. Do not contaminate water when disposing of equipment washwater or rinsate.

Pollinator Precautions:

Thiamethoxam is highly toxic to bees exposed to direct treatment, and effects may be possible as a result of exposure to translocated residues in blooming crops.

Groundwater Advisory:

Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Physical and Chemical Hazards

Do not use, pour, spill or store near heat or open flame

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

Pesticide Storage

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

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Refillable container. Refill this container with SYT0511 only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the

responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling.

To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

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Manufactured for :

Syngenta Crop Protection, LLC

P.O. Box 18300

Greensboro, North Carolina 27419-8300

SCP xxxxx-M(draft SYT0511)

SYT0511-M(draft SYT0511)VER-C-CLEAN-dt-1-28-13 000100-xxxxx.20120717C.SYT0511-CLEAN.pdf

(Non-detachable Container Label - Bulk)

SYT0511

GROUP	4A	INSECTICIDE
GROUP	4 7 12	FUNGICIDES

Insecticide with Fungicides

A seed treatment product for protection against damage from listed insects, seed-borne diseases, and seedling diseases on soybean

Active Ingredients:

Thiamethoxam ¹	24.00 %
Mefenoxam ²	4.80 %
Fludioxonil ³	0.80 %
Sedaxane ⁴	0.80 %
Other Ingredients:	69.60 %
Total:	100.00 %

¹CAS No. 153719-23-4²CAS No. 70630-17-0 and CAS No. 69516-34-3³CAS No. 131341-86-1⁴CAS No. 874967-67-6

One gallon of SYT0511 contains 2.28 lb thiamethoxam, 0.46 lb mefenoxam, 0.08 lb fludioxonil and 0.08 lb sedaxane.

KEEP OUT OF REACH OF CHILDREN.**CAUTION**

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-xxxxx

EPA Est. XXXXX

SCP xxxxx-M(draft SYT0511)

_____gallons
Net Contents

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
	•
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372	

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This product is toxic to wildlife, freshwater and estuarine/marine fish and highly toxic to aquatic invertebrates. Runoff may be hazardous to aquatic organisms in neighboring areas. Exposed treated seed may be hazardous to wildlife. Do not contaminate water when disposing of equipment washwater or rinsate.

Pollinator Precautions:

Thiamethoxam is highly toxic to bees exposed to direct treatment, and effects may be possible as a result of exposure to translocated residues in blooming crops.

Groundwater Advisory:

Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Physical and Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use in commercial seed treatment facilities. Use is also permitted as an end-use seed treatment on agricultural establishments at planting, or immediately before planting, as specified in the Specific Crop Use Directions. This product is to be used in liquid or slurry treaters only.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

Pesticide Storage

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Handling

Refillable container. Refill this container with SYT0511 only. Do not reuse the container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling.

To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and

dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for :

Syngenta Crop Protection, LLC

P.O. Box 18300

Greensboro, North Carolina 27419-8300

SCP xxxxx-M(draft SYT0511)

SYT0511-M(draft SYT0511)VER-C-CLEAN-dt-1-28-13 **000100-xxxxx.20120717C.SYT0511-CLEAN.pdf**

RE: FW: Label Comments for SYT0511 (100-RUAN) and SYT0113 (100-RULO) - McCain
Submission of revised labels 1-28-13

patrick.mccain

to:

Julie Chao

01/28/2013 04:19 PM

Cc:

david.tuck

Hide Details

From:

To: Julie Chao/DC/USEPA/US@EPA

Cc:

History: This message has been replied to.

Hi Julie,

Per your email below, attached please find the clean and highlighted versions of the 2 SYT labels to include both sets of revisions requested (including that indicated below). Please let me know if you have any questions or concerns. My apologies for the tardy reply.

Thanks,

Pat

Patrick McCain
Senior Regulatory Product Manager
Regulatory Affairs – Seed Care



Syngenta Crop Protection, LLC
PO Box 18300
Greensboro, NC
27419-8300

Phone 1 800 334 9481
direct 336 632 7317
mobile 336 681 1349

patrick.mccain@syngenta.com

www.syngenta.com

From: Chao.Julie@epamail.epa.gov [mailto:Chao.Julie@epamail.epa.gov]
Sent: Wednesday, January 23, 2013 4:15 PM
To: McCain Patrick USGR
Cc: Tuck David USGR
Subject: Re: FW: Label Comments for SYT0511 (100-RUAN) and SYT0113 (100-RULO) - McCain reponse 1-21-13

Hi Pat,

Sorry to have a second round of label comments, but the PM requested an additional change: She would like you to add information about whether the product is intended for on-farm or commercial use. The statement(s) should appear under the Directions for Use section. Since the proposed labels contains the Ag Use Requirements box, we assume that the products are intended for on-farm use.

As an *example*, a seed treatment product label that we recently registered states: "For use in commercial seed treatment facilities. Use is also permitted as an end-use seed treatment on agricultural establishments at planting, or immediately before planting, as specified in the Specific Crop Use Directions. This product is to be used in liquid or slurry treaters only."

Let me know if you have any questions.

Thanks,
 Julie

+++++

Julie Chao
 703.308.8735 (phone)
 703.305.6920 (fax)
<http://www.epa.gov/pesticides>

---01/21/2013 10:12:01 AM---Hi Julie, Thanks for the reviews and label comments. As requested, please find clean and highlighted

From: <patrick.mccain@syngenta.com>
 To: Julie Chao/DC/USEPA/US/EPA
 Cc: <david.tuck@syngenta.com>
 Date: 01/21/2013 10:12 AM
 Subject: FW: Label Comments for SYT0511 (100-RUAN) and SYT0113 (100-RULO) - McCain reponse 1-21-13

Hi Julie,

Thanks for the reviews and label comments. As requested, please find clean and highlighted versions of both 100-RUAN and 100-RULO with the requested revisions per your label comments sent in the email below. Please let me know if you have any questions or concerns.

Thanks,
 Pat

From: Chao.Julie@epamail.epa.gov [mailto:Chao.Julie@epamail.epa.gov]
Sent: Thursday, January 17, 2013 7:35 AM

To: McCain Patrick USGR

Subject: Label Comments for SYT0511 (100-RUAN) and SYT0113 (100-RULO)

Hi Pat,

Please see the attached label comments for 100-RUAN and 100-RULO. Copies of the acute toxicity and product chemistry reviews are also attached. The comments are pretty minor, but let me know if you have any questions. Otherwise, please send me the revised labels by email no later than January 25.

Thanks,
Julie

(See attached file: 100-RUAN_Label Comments.docx)(See attached file: 100-RUAN_Tox.pdf)(See attached file: 100-RULO_Tox.pdf)(See attached file: 100-RUAN_Chem.pdf)(See attached file: 100-RULO_Chem.pdf)

+++++

Julie Chao
703.308.8735 (phone)
703.305.6920 (fax)
<http://www.epa.gov/pesticides>

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Label Comments for SYT0511 (100-RUAN)

1. The “If in Eyes” First Aid statements are not required, as the classification for primary eye irritation is toxicity category IV.
2. Revise the Hazards to Humans and Domestic Animals statement to read: “Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
3. Under the Environmental Hazards section, it is recommended that you format the statements with “Pollinator Precautions” and “Groundwater Advisory” subheadings (similar to the seed bag tag or EPA Reg. No. 100-1450).

Label Comments for SYT0113 (100-RULO)

1. Under the Environmental Hazards section, it is recommended that you format the statements with “Pollinator Precautions” and “Groundwater Advisory” subheadings (similar to the seed bag tag or EPA Reg. No. 100-1450).
2. The product chemistry data indicate the product is incompatible with oxidizing agents. Therefore, please add the following statement (or equivalent) under the Physical and Chemical Hazards section: “Do not store near or use with oxidizing agents.”



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION
OFFICE OF PESTICIDE PROGRAMS REGISTRATION DIVISION (7505P)

DP BARCODE No.: D404282; **FILE SYMBOL No.:** 100-RUAN; **DECISION No.:** 467525;
PRODUCT NAME: SYT0511; **PC Code(s):** 060109, 071503, 113502, 129223; **Action Code:** R 310;
FOOD Use: YES

DATE OUT: January 15, 2013

SUBJECT: Product Chemistry Review for the end use product
Product Name: SYT0511

FROM: Shyam Mathur
Product Chemistry Team Leader
Technical Review Branch / Registration Division (7505P)

S. Mathur
01-15-13
JCR

TO: Julie Chao / Richard Venus Eagle, PM 01
Insecticide-Rodenticide Branch / Registration Division (7505P)

Company Name: Syngenta Crop Protection LLC
Formulation Type: Seed Insecticide

A. INTRODUCTION:

The registrant has submitted an application for registration of a new end use product "SYT0511" to be used for seed treatment. The registrant has submitted CSF's for basic & alternate formulations (both dated 06-28-2012). In support of the proposed basic & alternate CSF's, the registrant has submitted product chemistry data corresponding to guideline 830 series group A & group B data with MRID Nos. 488362-01 and 488362-02 and the product label. TRB has been asked to determine the acceptability of the proposed basic & alternate CSF's and the supporting product chemistry data.

B. SUMMARY OF FINDINGS:

1. Name of Active Ingredient(s): Thiamethoxam (24.0%), Mefenoxam (4.80%), Fludioxonil (0.80%) and Sedaxane (0.80%)
2. All the source materials for the active ingredients are derived from registered sources:
[X] Yes; [] No
3. All inert ingredients have been screened by IIAB and found to be approved for the proposed labeled uses
[X] Yes; [] No.

DP BARCODE No.: D404282; **FILE SYMBOL No.:** 100-RUAN; **DECISION No.:** 467525;
PRODUCT NAME: SYT0511; **PC Code(s):** 060109, 071503, 113502, 129223; **Action Code:** R 310;
FOOD Use: YES

4. Confidential Statement of Formula(s):

☒ Basic - Dated: 06-28-2012; Re-submitted – Dated:

☒ Alternate CSF– Dated: 06-28-2012; Re-submitted – Dated:

Is the alternate CSF in compliance with 40CFR§152.43?

☒ Yes; ☐ No; ☐ NA

5. Product label

- a. Ingredient statement: Nominal concentration of AI listed on CSF(s) concurs with product label (PR Notice 91-2)

☒ Yes, if not, explain below:

Metallic equivalent: ☐ Yes ☒ NA;

Soluble arsenic: ☐ Yes ☒ NA

Isomeric ratios: ☐ Yes ☒ NA;

Acid equivalent: ☐ Yes ☒ NA;

- b. Health related sub statements: Product contains?

Petroleum distillate at > 10%: ☐ Yes ☒ No ☐ NA

Methanol at > 4%: ☐ Yes ☒ No ☐ NA

Sodium nitrite/sodium nitrate ☐ Yes ☒ No ☐ NA

- c. Physical chemical hazard statement: Product label requires a statement per 40 CFR §156.78 for: flammability, explosive potential or electric insulator breakdown?

☐ Yes ☒ No

Is the sub statement in compliance with PR Notice 97-6? ☒ Yes, ☐ NA; ☐ No; if not, explain below:

- d. Label requires an additional Storage and Disposal statement: ☐ Yes ☒ No; if yes explain below:

DP BARCODE No.: D404282; FILE SYMBOL No.: 100-RUAN; DECISION No.: 467525;
 PRODUCT NAME: SYT0511; PC Code(s): 060109, 071503, 113502, 129223; Action Code: R 310;
 FOOD Use: YES

6. Group A: Product Chemistry Data

TRB's determination of the acceptability of the data for the proposed product is listed in the tables below.

Guideline No.	Study Title		Data submitted		TRB's Assessment of Data	MRID Nos.
			Yes	No		
830.1550	Product Identity & Composition		X		A	488362-01
830.1600	Description of materials used to produce the product		X		A	488362-01
830.1650	Description of formulation process		X		A	488362-01
830.1670	Discussion on the formation of impurities		X		A	488362-01
830.1700	Preliminary analysis					
830.1750	Certified limits (158.350)	Standard certified limits	X			488362-01
		Proposed Limits				
		Justification for wider limits				
830.1800	Enforcement analytical method		X		A	488362-01

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver Request, I = In Progress,
 NA = Not Applicable

DP BARCODE No.: D404282; FILE SYMBOL No.: 100-RUAN; DECISION No.: 467525;
 PRODUCT NAME: SYT0511; PC Code(s): 060109, 071503, 113502, 129223; Action Code: R 310;
 FOOD Use: YES

7. Group B:

Guideline No.	Study Title	Value or Qualitative Description	TRB's Assessment of Data	MRID Nos.
830.6303	Physical State	Liquid	A	488362-02
830.6315	Flammability	>215°F		488362-02
830.6316	Explodability	Not Explosive		488362-02
830.7000	pH	6-8@ 25°C (1% dispersion in water)	A	488362-02
830.7300	Bulk Density	9.505 lbs/gal@ 20°C	A	488362-02

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver request, NA = Not applicable,
 I = In progress

830.6314: Oxidation/reduction (MRID No. 488362-02): The registrant has indicated that the proposed product is compatible with water, 10% mono ammonium phosphate, iron powder, kerosene, and 6% sodium hypochlorite.

DP BARCODE No.: D404282; **FILE SYMBOL No.:** 100-RUAN; **DECISION No.:** 467525;
PRODUCT NAME: SYT0511; **PC Code(s):** 060109, 071503, 113502, 129223; **Action Code:** R 310;
FOOD Use: YES

C. CONCLUSIONS:

The TRB has reviewed the proposed CSF's for basic & alternate formulations and the supporting product chemistry data and has concluded:

1. The proposed CSF's for basic and alternate formulations (both dated 06-28-2012) are acceptable. The alternate CSF is in compliance with 40CFR§152.43.
2. The product chemistry data submitted corresponding to the guideline 830 series group A & group B for the proposed product are acceptable, except for one year storage stability & corrosion characteristics studies.
3. The registrant did not submit data for guidelines 830.6317 (one year storage stability) and 830.6320 (corrosion characteristic). The registrant must conduct one year studies for these two guidelines and the results must be submitted on completion for evaluation. It is recommended that the observations should be made at 0, 3, 6, 9, and 12 month intervals.

DATA PACKAGE BEAN SHEET

Date: 03-Aug-2012

Page 1 of 3

Decision #: 467525

DP #: (404282)

PRIA

Parent DP #:

Submission #: 920493

E-Sub #: 3212

*** Registration Information ***

Registration: **100-RUAN - SYT0511**

Company: 100 - SYNGENTA CROP PROTECTION, LLC

Risk Manager: RM 01 - Venus Eagle - (703) 308-8045 Room# PY1 S-7913

Risk Manager Reviewer: Julie Chao JCHAO

Sent Date:

PRIA Due Date: 08-Feb-2013

Edited Due Date:

Type of Registration: Product Registration - Section 3

Action Desc: (R310) NEW PRODUCT;NON-FAST TRACK (INCLUDES REVIEWS OF PRODUCT CHEMIST

Ingredients: See page 3

*** Data Package Information ***

Expedite: ☐ Yes ☒ No

Date Sent: 03-Aug-2012

Due Back:

DP Ingredient: See page 3

DP Title: Product Chemistry

CSF Included: ☒ Yes ☐ No

Label Included: ☒ Yes ☐ No

Parent DP #:

Assigned To

Date In

Date Out

Organization: RD / TRB

Last Possible Science Due Date: 09-Jan-2013 ✓

Team Name: CHEM

Science Due Date:

Reviewer Name: Sanyam Mathy

01-11-13

01-15-13

Sub Data Package Due Date:

Contractor Name:

*** Studies Sent for Review ***

Printed on Page 2

*** Additional Data Package for this Decision ***

No Additional Data Packages

*** Data Package Instructions ***

Please review MRIDs 48836201 and 48836202, submitted by Syngenta Crop Protection in support of 100-RUAN, a new seed treatment product containing thiamethoxam, mefenoxam, sedaxane, and fludioxonil. Copies of the submission cover letter, proposed label, data matrix, and CSFs (Basic and Alternate) are enclosed. The studies are available in Documentum. Please let me know if you need any additional information. Thanks.

MRID	MRID Status	Citation Reference	Guideline	86-5 Status
48836201		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p.	830.1550/Product Identity and composition	Not Reviewed (18-Jul-2012)
48836201		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p.	830.1600/Description of materials used to produce the product	Not Reviewed (18-Jul-2012)
48836201		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p.	830.1650/Description of formulation process	Not Reviewed (18-Jul-2012)
48836201		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p.	830.1670/Discussion of formation of impurities	Not Reviewed (18-Jul-2012)
48836201		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p.	830.1750/Certified limits	Not Reviewed (18-Jul-2012)
48836201		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p.	830.1800/Enforcement analytical method	Not Reviewed (18-Jul-2012)
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.6302/Color	Not Reviewed (18-Jul-2012)
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.6303/Physical state	Not Reviewed (18-Jul-2012)
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.6304/Odor	Not Reviewed (18-Jul-2012)
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.6314/Oxidizing or reducing action	Not Reviewed (18-Jul-2012)
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.6315/Flammability	Not Reviewed (18-Jul-2012)
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.6316/Explosibility	Not Reviewed (18-Jul-2012)
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.6319/Miscibility	Not Reviewed (18-Jul-2012)
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.6321/Dielectric breakdown voltage	Not Reviewed (18-Jul-2012)

DP#: (404282)

*** Studies Sent for Review ***

Decision#: (467525)

MRID	MRID Status	Citation Reference	Guideline	86-5 Status
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.7000/pH	Not Reviewed (18-Jul-2012)
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.7100/Viscosity	Not Reviewed (18-Jul-2012)
48836202		Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p.	830.7300/Density/relative density	Not Reviewed (18-Jul-2012)

DP#: (404282)

*** Proo

I Data Package Ingredients ***

Decision#: (467525)

PC Code	CAS	Ingredient Name
060109	153719-23-4	Thiamethoxam
113502	70630-17-0	D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester
129223	874967-67-6	Sedaxane
071503	131341-86-1	Fludioxonil
129223	874967-67-6	Sedaxane(.8%)
071503	131341-86-1	Fludioxonil(.8%)
113502	70630-17-0	D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester(4.8%)
060109	153719-23-4	Thiamethoxam(24%)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

OFFICE OF PESTICIDE PROGRAMS
REGISTRATION DIVISION (7505P)

04/JAN/2013

MEMORANDUM: Acute Toxicity Data Evaluation Record (DER) for SYT0511

Subject: Name of Pesticide Product: SYT0511
 EPA File Symbol: 100-RUAN
 DP Barcode: D404363
 Decision No.: 467525
 Action Code: R310
 PC Codes: 060109 Thiamethoxam
 113502 Methenoxam
 071503 Fludioxonil
 129223 Sedaxane

From: Tracy Keigwin, Biologist
 Technical Review Branch
 Registration Division (7505P)

Tracy Keigwin
Byron T. Baker
Jan - 4 - 2013

To: Julie Chao, RM Team 01
 Insecticide Rodenticide Branch
 Registration Division (7505P)

Applicant: Syngenta Crop Protection LLC
 P.O. Box 18300
 410 Swing Road
 Greensboro, NC 27419-8300

FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>% by wt.</u>
Thiamethoxam	24.00
Mefenoxam	4.80
Fludioxonil	0.80
Sedaxane	0.80
 <u>Other Ingredient(s):</u>	 <u>69.60</u>

Total: 100.00%

ACTION REQUESTED: The Risk Manager requests a review of acute toxicity studies (MRID Nos. MRIDs 48836203 (870.1100), 48836204 (870.1200), 48836205 (870.1300), 48836206 (870.2400), 48836207 (870.2500), and 48836208 (870.2600) submitted to support the registration of EPA File Symbol 100-RUAN, SYT0511. The proposed product is an insecticide and fungicide seed treatment “for the protection against damage from listed insects, seed-borne diseases, and seedling diseases on soybean.”

GLP: All studies were conducted in accordance with GLP.

DEFICIENCIES: None

COMMENTS AND RECOMMENDATIONS:

- 1) The 6 submitted studies are acceptable.
- 2) The registrant has included additional PPE (gloves). This is acceptable.
- 3) The product chemistry team must approve the proposed CSFs (basic and 1 alternate formulation) before this action can be finalized.
- 4) The following are the precautionary and first aid statements for this product, as obtained from the Label Review System:

PRODUCT ID #: 100-1460

PRODUCT NAME: SYT0511

PRECAUTIONARY STATEMENTS

SIGNAL WORD: CAUTION

Hazards to Humans and Domestic Animals:

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear: Long-sleeved shirt and long pants, Socks, Shoes.

First Aid:

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give anything to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

Reviewer: Tracy Keigwin
Risk Manager (EPA): 01

Date: January 4, 2013

The following table is the Acute Toxicity Data Evaluation Record (DER) for the six studies submitted for the proposed product, File Symbol 100-RUAN:

1. DP BARCODE: 404363				
2. PC CODES: 060109, 113502, 071503, and 129223				
3. CURRENT DATE: January 4, 2013				
4. TEST MATERIAL: Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (009.15/274.5/054.89/009.15) A19094D, Batch ID 635826; Fludioxonil 0.81% (% wt/wt) or 9.26 g/l; Thiamethoxam 23.6 (% wt/wt) or 269.7 g/L; Metalaxyl-M 4.79 (% wt/wt) or 54.7 g/L; Sedaxane 0.79 (% wt/wt) or 9.03 g/L; EPSL Reference #111004-10H; light beige opaque liquid; pH: not reported; Density: 1143 g/L; expiration date: September 30, 2014; stored at room temperature; expected to be stable for the duration of testing				
Study/Species/Lab Study # /Date	MRID	Results	Tox Cat	Core Grade
Acute oral toxicity / rat Eurofins PSL (Dayton, NJ) Study #33282/February 14, 2012 OCSPP 870.1100; OECD 425	48836203	LD ₅₀ Females = 3129 mg/kg bw Dosed using AOT425 StatPgm (default assumed LD ₅₀ and sigma of 0.5) at 175, 550, 1750, or 5000 mg/kg (1, 1, 3, and 4 females, respectively, inc. 1 used in 5000-mg/kg limit test). 175 and 550 mg/kg: no deaths, abnormal clinical signs, wt loss, or gross findings; 1750 mg/kg: no deaths or abnormal gross findings; abnormal clinical signs: hypoactivity, reduced fecal volume, hunched posture, irregular respiration and/or piloerection. In addition, 1/3 failed to gain weight by the end of the study. 5000 mg/kg: all died within 1 day of treatment; abnormal clinical signs: hypoactivity, abnormal posture, irregular respiration and/or tremors. Abnormal gross findings: mottled liver (2/4) and slightly or moderately red and distended stomach and intestines (2/4).	III	A
Acute dermal toxicity / rat Eurofins PSL (Dayton, NJ)	48836204	LD ₅₀ > 5000 mg/kg (both sexes) No deaths, abnormal systemic	IV	A

Study #33283/February 14, 2012 OCSP 870.1200; OECD 402		clinical signs, or abnormal gross findings. One female failed to gain weight by day 7, however all animals ultimately gained weight by study termination (day 14).		
Acute inhalation toxicity / rat Eurofins PSL (Dayton, NJ) Study #33284/February 14, 2012 OCSP 870.1300; OECD 403	48836205	LC ₅₀ > 2.61 mg/L (combined) nose-only exposure: MMAD = 2.81 µm and GSD = 2.36; No mortality. One female (1/5) was hypoactive following exposure. Three males (3/5) and all females (5/5) exhibited irregular respiration and/or moist rales, recovering by study day 4. BW: all animals lost wt during days 0-1 and/or day 3. All gained wt during days 7-14 and had net bw gain over the cumulative days 0-14 interval. No gross abnormalities observed at necropsy.	IV	A
Primary eye irritation / rabbit Eurofins PSL (Dayton, NJ) Study #33285/February 14, 2012 OCSP 870.2400; OECD 405	48836206	No corneal opacity, iritis, or "positive" conjunctivitis noted at any time point. At 1 hour post instillation, grade 1 conjunctivitis was observed in 2/3 animals, clearing within 24 hours. MMTS=3.3, at 1 hour. Minimally irritating.	IV	A
Primary dermal irritation / rabbit Eurofins PSL (Dayton, NJ) Study #33286/February 14, 2012 OCSP 870.2500; OECD 404	48836207	Grade 1 erythema and grade 1 edema observed in 1/3 animals 30-60 minutes after patch removal. At the 24 hour observation, only grade 1 erythema was still observed in the affected animal, resolving at 48 hours. PDI = 0.2, "Slightly irritating".	IV	A

Dermal sensitization / guinea pig Eurofins PSL (Dayton, NJ) Study #33287/February 14, 2012 OCSPP 870.2600; OECD 406	48836208	Tested using Buehler method 20 test animals/10 controls Induction and challenge used undiluted test material. Following challenge, no positive dermal reactions were seen on any of the treated or naïve control animals at either time point. Appropriate positive control study was provided. <i>Not</i> a sensitizer	--	A
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**Core Grade Key: A =Acceptable, S = Supplementary, U = Unacceptable, D = Data Gap
N/a = Not Applicable**

DATA PACKAGE BEAN SHEET

Date: 07-Aug-2012

Page 1 of 3

Decision #: 467525

DP #: (404363)

PRIA

Parent DP #:

Submission #: 920493

E-Sub #: 3212

*** Registration Information ***

Registration: 100-RUAN - SYT0511

Company: 100 - SYNGENTA CROP PROTECTION, LLC

Risk Manager: RM 01 - Venus Eagle - (703) 308-8045 Room# PY1 S-7913

Risk Manager Reviewer: Julie Chao JCHAO

Sent Date:

PRIA Due Date: 08-Feb-2013

Edited Due Date:

Type of Registration: Product Registration - Section 3

Action Desc: (R310) NEW PRODUCT;NON-FAST TRACK (INCLUDES REVIEWS OF PRODUCT CHEMIST

Ingredients: See page 3

R310
#30926

*** Data Package Information ***

Expedite: ☐ Yes ☒ No

Date Sent: 07-Aug-2012

Due Back:

DP Ingredient: See page 3

DP Title:

CSF Included: ☒ Yes ☐ No

Label Included: ☒ Yes ☐ No

Parent DP #:

✓
HIT

Assigned To

Date In

Date Out

Organization: RD / TRB

Last Possible Science Due Date: 09-Jan-2013

Team Name: TOX

Science Due Date:

Reviewer Name:

Sub Data Package Due Date:

Contractor Name:

*** Studies Sent for Review ***

Printed on Page 2

*** Additional Data Package for this Decision ***

Can be printed on its own page

*** Data Package Instructions ***

Please review MRIDs 488362-03, -04, -05, -06, -07, and -08 and 48836202, submitted by Syngenta Crop Protection in support of 100-RUAN, a new seed treatment product containing thiamethoxam, mefenoxam, sedaxane, and fludioxonil. Copies of the submission cover letter, proposed label, data matrix, and CSFs (Basic and Alternate) are enclosed. The studies are available in Documentum. Please let me know if you need any additional information. Thanks.

MRID	MRID Status	Citation Reference	Guideline	86-5 Status
48836203		Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxa FS (A19094D) - Acute Oral Toxicity Up-and-Down Procedures in Rats. Project Number: TK0064567, 33282. Unpublished study prepared by Eurofins/Product Safety Laboratories. 20p.	870.1100/Acute Oral Toxicity	Not Reviewed (18-Jul-2012)
48836204		Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxa FS (A19094D) - Acute Dermal Toxicity in Rats. Project Number: TK0064568, 33283. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.	870.1200/Acute dermal toxicity	Not Reviewed (18-Jul-2012)
48836205		Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxa FS (A19094D) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0064569, 33284. Unpublished study prepared by Eurofins/Product Safety Laboratories. 25p.	870.1300/Acute inhalation toxicity	Not Reviewed (18-Jul-2012)
48836206		Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxa FS (A19094D) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0064565, 33285. Unpublished study prepared by Eurofins/Product Safety Laboratories. 22p.	870.2400/Acute eye irritation	Not Reviewed (18-Jul-2012)
48836207		Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxa FS (A19094D) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0064566, 33286. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p.	870.2500/Acute dermal irritation	Not Reviewed (18-Jul-2012)
48836208		Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxa FS (A19094D) - Dermal Sensitization Test - Buehler Method: Final Report. Project Number: TK0064564, 33287. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28p.	870.2600/Skin sensitization	Not Reviewed (18-Jul-2012)

DP#: (404363)

*** Pro d Data Package Ingredients ***

Decision#: (467525)

PC Code	CAS	Ingredient Name
060109	153719-23-4	Thiamethoxam
113502	70630-17-0	D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester
129223	874967-67-6	Sedaxane
071503	131341-86-1	Fludioxonil
129223	874967-67-6	Sedaxane(.8%)
071503	131341-86-1	Fludioxonil(.8%)
113502	70630-17-0	D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester(4.8%)
060109	153719-23-4	Thiamethoxam(24%)

Completion of 21-Day Content Screen


PM- 1

EPA Reg. # (File Symbol) 100-RUAN

Decision # D 467525

Data package delivered to
you on 7/31/12.
(date)

Jacket/Mini-jacket will be
transferred to you today.
(Pick up from Document Center)

Thank you, 

Registration Division's 21-Day Content Team

Memorandum

Date: 07 / 27 / 12

To: PM 1, Regulatory Manager

From: Information Services Branch, ITRMD

Your receipt of this data submission is not an indication that MRIDs for the enclosed studies have been posted to OPPIN.

We expect that it will be approximately 5 days from the above date before the study-level data is available in OPPIN.

If you have any questions about this process, please contact Teresa Downs (305-5363).

This is a: ☒ fully accepted submission
☐ partially accepted submission
☐ rejected submission



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

July 26, 2012

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

SYNGENTA CROP PROTECTION, LLC
410 SWING ROAD
PO.BOX : 18300
GREENSBORO, NC 27419-8300

Report of Analysis for Compliance with PR Notice 11-03

Thank you for your submittal of 18-JUL-12. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 11-03. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.

Receipt for Section 3

S: 920493

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☒ Yes ☐ No

Application Type: New Registration

Billable: ☒ Yes ☐ No

Print Letter

Enter More Information

Tracking

Company: 100 SYNGENTA CROP PROTECTION, LLC

V

Risk Manager: Registration Division, Risk Management Team 1

Product #: 100-RUAN Product Name: SYT0511

Override#:

Me Too

Me Too

Section3:

Product Name:

Application Date: 17-Jul-2012



OPP Rec'd Date: 18-Jul-2012



Front End Date: 18-Jul-2012



Risk Manager Send Date: 20-Jul-2012



FFS Due Date: 08-Feb-2013

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description:

Associated with e-Submission package 3212. Application for registration

New Ingredient

Request Date:

New Ingredient

Received Date:

Form A: ☐

Signature Date:

Form B: ☐

Signature Date:

Receipt Content

Study

CSF

View/Edit



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

July 20, 2012

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

OPP Decision Number: D-467525
EPA File Symbol or Registration Number: 100-RUAN
Product Name: SYT0511
EPA Receipt Date: 18-Jul-2012
EPA Company Number: 100
Company Name: SYNGENTA CROP PROTECTION, LLC

PAT EAY
SYNGENTA CROP PROTECTION, LLC
D/B/A SYNGENTA CROP PROTECTION, INC.
410 SWING ROAD, PO Box 18300
GREENSBORO, NC 27419-8300

SUBJECT: Receipt of Registration Application Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your application and certification of payment. If you submitted data with this application, the results of the PRN-2011-3 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R310

NEW PRODUCT;NON-FAST TRACK (INCLUDES REVIEWS OF PRODUCT
CHEMISTRY;ACUTE TOXICITY;PUBLIC HEALTH PEST EFFICACY);

No additional payment is due at this time.

If you have any questions, please contact the Pesticide Registration Service Fee
Ombudsman at (703) 308-9362.

Sincerely,

A handwritten signature in black ink, appearing to be "Pat Eay", is written over the word "Sincerely,".

Front End Processing Staff
Information Technology & Resources Management Division

Fee for Service

{9204930~

This package includes the following

☒ New Registration

☐ Amendment

☒ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: _____

for Division

☐ AD

☐ BPPD

☒ RD

Risk Mgr.

1

Receipt No.

S-

920493

EPA File Symbol/Reg. No.

100-RUAN

Pin-Punch Date:

7/18/2012

☐ This item is NOT subject to FFS action.

Action Code:

Requested:

R310

Granted:

R310

Amount Due: \$ 4807

Parent/Child Decisions:

☒ Inert Cleared for Intended Use



Uncleared Inert in Product

Reviewer:

S. Fatuk

Date:

7/20/12

Remarks:



Patrick McCain
Senior Regulatory Product Manager
Regulatory Affairs, Seed Care
(336) 632-7317 (phone)
(336) 632-5688 (fax)
patrick.mccain@syngenta.com

48836200
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419-8300
www.syngenta.com

FedEx

CONFIDENTIAL BUSINESS INFORMATION ENCLOSED

July 17, 2012

Document Processing Desk (E-SUB) (APPL) (REG-FEE)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
2777 South Crystal Drive
Room S-4900, One Potomac Yard
Arlington, VA 22202-4501

**Attention: Ms. Venus Eagle – PM Team 1, Insecticide-Rodenticide Branch
Registration Division**

**SUBJECT: APPLICATION FOR NEW PRODUCT REGISTRATION
SYT0511 (EPA FILE SYMBOL NO. 100-XXXX)**

Dear Ms. Eagle:

Syngenta Crop Protection, LLC is seeking a new product registration for a seed treatment formulation with the active ingredients thiamethoxam, fludioxonil, mefenoxam, and sedaxane with EPA Reg. Nos. 100-936, 100-759, 100-791, and 100-1381, respectively. We are requesting use on soybeans at rates equal to, or below, those on currently approved EPA labels as listed in the table below:

EPA-approved Product	EPA Reg. No.	Active Ingredient	Maximum EPA-approved Rate	Maximum Rate proposed on SYT0511
Cruiser 5FS	100-941	thiamethoxam	0.1512 mg ai/seed	0.1134 mg ai/seed
Apron XL	100-799	mefenoxam	0.0227 mg ai/seed	0.0227 mg ai/seed
Vibrance	100-1374	Sedaxane	0.0075 mg ai/seed	0.0038 mg ai/seed
THX/MXM/FDL/TBZ FS	100-1426	fludioxonil	0.0038 mg ai/seed	0.0038 mg ai/seed

Please note, the formulation name for SYT0511 is indicated as "CruiserMaxx Supreme (A19094D)" in the enclosed PC data volumes and "Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D)" in the enclosed Acute Toxicity data volumes.

Enclosed on a compact disk (CD) are the following documents to support this submission, which is being filed as an electronic submission:

- Receipt of PRIA II prepayment
- Two (2) EPA Form 8570-4:
 - CSF 1340-1 Basic Formulation dated 6-28-2012
 - CSF 1341-1 Alternate Formulation dated 6-28-2012
- EPA Form 8570-1 Application for Pesticide Registration



Ms. Venus Eagle
July 17, 2012 - SYT0511 Application for New Product Registration
Page 2 of 2

- Five (5) EPA Form 8570-34 Certification with Respect to Citation of Data
- Five (5) sets of EPA Form 8570-35 Data Matrices Private and Public:
 - Four (4) technical active ingredient and for the new End-use product
- PDF version of proposed Label
- Transmittal Document
- Two (2) Product Chemistry Data Volume
- Six (6) Acute Toxicology Data Volume

Fees for Services

In compliance with the Pesticide Registration Improvement Act, Syngenta has paid the required pesticide registration fee for this action. Syngenta believes that this submission fits the following registration fee category: R310/46 (New Product, Non-fast track), 6-month review timeframe and a fee of \$4,807. Please e-mail the registration fee confirmation receipt to patrick.mccain@syngenta.com and to my regulatory assistant Pat Eay at pat.eay@syngenta.com.

If you have any questions or comments regarding this application, please contact me at 336-632-7317 or at patrick.mccain@syngenta.com.

Sincerely,

A handwritten signature in black ink that reads "Patrick McCain".

Patrick McCain
Senior Regulatory Manager – Seed Care Products
Syngenta Crop Protection, LLC

Enclosed information (Forms, Transmittal and Data on CD)

**VOLUME 1 OF 9 OF SUBMISSION
(TRANSMITTAL DOCUMENT)**

1. Name and Address of Submitter

Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419

2. Regulatory Action in Support of which this Package is Submitted

Application for Registration of a New End Use Product:
SYT0511 (EPA File Symbol No. 100-xxxx) A19094D

3. Transmittal Date

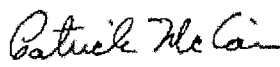
07/17/2012

4. List of Submitted Studies

MRID NUMBER	VOLUME NUMBER	STUDY TITLE	EPA GUIDELINE NUMBER
48836200	1 OF 9	Transmittal Document	N/A
48836201	2 OF 9	CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data, PC-12-009, (A19094D_50022)	830.1550 830.1600 830.1650 830.1670 830.1750 830.1800
48836202	3 OF 9	CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties, PC-12-010, (A19094D_50021)	830.6302 830.6303 830.6304 830.6314 830.6315 830.6316 830.6319 830.6321 830.7000 830.7100 830.7300
48836203	4 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl- M/Sedaxane FS (A19094D) - Acute Oral Toxicity Up-and-Down Procedures in Rats, 33282, (A19094D_50017)	870.1100
48836204	5 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl- M/Sedaxane FS (A19094D) - Acute Dermal Toxicity in Rats, 33283, (A19094D_50018)	870.1200

48836205	6 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Acute Inhalation Toxicity in Rats, 33284, (A19094D_50019)	870.1300
48836206	7 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Primary Eye Irritation in Rabbits, 33285, (A19094D_50015)	870.2400
48836207	8 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Primary Skin Irritation in Rabbits, 33286, (A19094D_50016)	870.2500
48836208	9 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Dermal Sensitization Test - Buehler Method, 33287, (A19094D_50014)	870.2600

COMPANY OFFICIAL: PATRICK McCAIN
(NAME)


(SIGNATURE)

COMPANY NAME: SYNGENTA CROP PROTECTION, LLC

COMPANY CONTACT: PATRICK McCAIN
(NAME)

(336) 632-7317
(PHONE)

21-Day Screen Completed by
Contractor

21-Day Expires on 8-8-12

Jacket # 100 - RUAJ

MRID# 488362

Content Screen: Recommend to **Pass/Fail**

11-3 Review: **Pass/Fail/NA**

Overall Status: Recommend to **Pass/Fail**

Transfer This Jacket to:

Stephen Schauble

PRIA 2 – 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only)

3/23/09

21 Day Screen Start Date: 7-18-12

Experts In-Processing Signature: M F HARRINGTON Date 7-20-12 Fee Paid: Yes ☒

Division management contacted on issues No ☐ Yes ☐ Date _____

EPA Reg. Number: <u>100 - RUAN</u>		EPA Receipt Date: <u>7-18-12</u>							
Items for Review			Yes	No	N/A*				
1	Application Form (EPA Form 8570-1)(link to form) signed & complete including package type		X						
2	Confidential Statement of Formula all boxes completed, form signed, and dated (EPA Form 8570-4) (Link to form)		X						
	a) All inerts (link to http://www.epa.gov/opprd001/inerts/), including fragrances, approved for the proposed uses (see Footnote A)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">yes</td> <td style="width: 50%; text-align: center;">no</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> </table>	yes	no	X				
yes	no								
X									
3	Certification with Respect to Citation of Data (EPA Form 8570-34) (Link to form) completed and signed (N/A if 100% repack)		X						
	Certificate and data matrix consistent		X						
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">yes</td> <td style="width: 50%; text-align: center;">no</td> </tr> <tr> <td></td> <td></td> </tr> </table>	yes	no					
yes	no								
	If applicable, is there a letter of Authorization for exclusive use only.								
4	Formulator's Exemption Statement (EPA Form 8570-27) (Link to form) completed and signed (N/A if source is unregistered or applicant owns the technical)				X				
5	Data Matrix (EPA Form 8570-35) (Link to form) both internal and external copies (PR 98-5) (Link to PR 98-5) completed and signed (N/A if 100% repack)		X						
	a) Selective Method (Fee category experts use)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">yes</td> <td style="width: 50%; text-align: center;">no</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> </table>	yes	no	X				
yes	no								
X									
b) Cite-All (Fee category experts use)									
c) Applicant owns all data (Fee category experts use)									
6	5 Copies of Label (link to http://www.epa.gov/oppfead1/labeling/lrm/) (Electronic labels on CD are encouraged and guidance is available)(link to http://www.epa.gov/pesticides/regulating/registering/submissions/index.htm#labels)		X						

7	Is the data package consistent with PR Notice 86-5 (link to PRN 86-5)	X		
8	Notice of Filing (link to http://www.epa.gov/pesticides/regulating/tolerance_petitions.htm) included with petitions (link to http://www.epa.gov/pesticides/regulating/tolerances.htm)			X
9	If applicable for conventional applications, reduced risk rationale (link to http://www.epa.gov/opprd001/workplan/reducedrisk.html)			X
10	Required Data (link to http://www.epa.gov/pesticides/regulating/data_requirements.htm) and/or data waivers. See Footnote C.			
	a) List study (or studies) not included with application			

Comments:

11/2
7/30/12 11-3: associated studies have passed review

Inerts: approved for food use under 40 CFR 180.920,
seed treatment only.

Documentation: all required forms are present & complete

Status: Pass

* N/A – Not Applicable

MRID: 488362

Footnotes

A. During the 21 day initial content review, all CSFs will be reviewed to determine whether all inerts listed, including fragrances, are approved for the proposed uses. If an unapproved inert is identified, the applicant must either 1) resolve the inert issue by, for example, removing the inert, substituting it with an approved inert, submitting documentation that EPA approved the inert for the proposed pesticidal uses, correcting mistakes on the CSF, etc. or 2) provide the data to support OPP approval of the inert or 3) withdraw the application. Removing or substituting an inert ingredient will require a new CSF and may require submission of data. All information, forms, data and documentation resolving the inert issue must have been received by the Agency or the application withdrawn within the 21 day period, otherwise, the Agency will reject the application as described below.

To successfully complete this aspect of the 21 day initial content screen, applicants are **strongly encouraged** to verify that all inert ingredients have been approved for the application's uses **even if a product is currently registered** by consulting the inert Web

site [link to <http://www.epa.gov/opprd001/inerts/lists.html>] and if the inert is not approved, to **obtain the necessary inert approval prior to submitting an application to register a pesticide product containing that inert ingredient.** Some inert ingredients are no longer approved for food uses or certain types of uses. The name and/or CAS number on a CSF must match the name and CAS number on this web site. Simple typographical errors in the name or CAS number have resulted in processing delays.

If an inert is not listed on the inert ingredient web site and the applicant believes that the inert has been approved, the applicant should contact the Inert Ingredient Assessment Branch (IIAB) at inertsbranch@epa.gov and resolve the issue. Copies of the correspondence with IIAB resolving the issue should accompany the application. All new inerts except PIP inerts are reviewed by IIAB. The IIAB should also be contacted for any questions on what supporting data needs to be submitted for and the Agency's inert review process. Questions on PIP inerts should be directed to the Chief of Microbial Pesticides Branch [Link to http://www.epa.gov/oppbpd1/biopesticides/contacts_bppd.htm].

When a brand, trade, or proprietary name of an inert ingredient is listed on a CSF, additional information such as an alternate name of the inert, CAS number or other information [link to <http://www.epa.gov/opprd001/inerts/tips.pdf>] must also be included to enable the Agency to determine if it has been approved. Each component of an inert mixture (including a fragrance) must be identified. In some cases, the supplier of the mixture or fragrance may need to provide this information to the Agency. Prior to the Agency's receipt of an application, applicants must arrange with a proprietary mixture or fragrance supplier to provide the component information to the Agency or promptly upon EPA's request. If the inert ingredients in a proprietary blend (including fragrances) cannot or are not identified or provided within the 21-day content review period, the Agency will reject the application.

During the 21 day content review, applicants should submit information to the individual identified by the Agency when the applicant is informed of an unapproved inert.

Unapproved Inerts Identified on CSFs

All applications except conventional new products and PIPs

Once an unapproved inert is identified on a CSF, the Agency will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If this option is selected and implemented, the Agency may request an extension in the PRIA decision review timeframe to accommodate the inert review/approval process;

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of these options is selected and implemented by the applicant within the 21 day content review period, the Agency will reject the application and retain 25% of the full fee of the category identified.

Conventional New Product Applications

When the Registration Division identifies an unapproved inert on a CSF with an application for a new product that the applicant has not identified as requiring an inert approval (R311, R312 or R313), it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert, including any required petition to establish or amend a tolerance or exemption from a tolerance. (This option may change the PRIA category for the application, which could require a longer decision review time and a larger fee. If additional fees are due, they must be received by the Agency within the 21 day content review period.)
3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21-day content-review period, the Agency will reject the application and retain 25% of the appropriate fee for the new product-inert approval category.

PIP Applications

When the Biopesticide and Pollution Prevention Division identifies an unapproved inert on a PIP CSF and a request to approve the inert does not accompany the application, it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the spelling or name of the inert to that in 40 CFR 174, or providing documentation that the inert has been approved; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If an inert ingredient tolerance exemption petition is required, the petition must be received by the Agency and the B903 fee paid within the 21 day period. If this option is selected and implemented, the Agency will discuss harmonizing the timeframe for both actions.

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21 day content review period, the Agency will reject the application and retain 25% of the fee.

B. A policy on documentation of offers to pay is still being developed, however, for a me-too or fast track (similar/identical) new product, R300 or A530, an application without the necessary authorizations of offers to pay will be placed into either R301 or A531. The Agency recommends that authorizations of offers to pay be submitted with other PRIA applications to avoid delays in the Agency's decision.

C. Biopesticide applicants are advised to contact the Agency and discuss study waivers prior to submitting their application to the Agency. Documentation of such discussions should be submitted with the study waiver.

R 310

End Use (EP) or Manufacturing Use (MP) product or Technical Grade of the Active Ingredient (TGA).
Must submit Group A and B product chemistry data for each proposed product unless it's a 100% identical (repack): YES or NO (circle one)

Guideline No.	Group A: Product Chemistry Data Study Title	EP Data Submitted		MP Data Submitted		TGA	
		Yes	No	Yes	No	Yes	No
830.1550	Product Identity & Composition		✓				
830.1600	Description of materials used to produce the product		✓				
830.1650	Description of formulation process		✓				
830.1670	Discussion on the formation of impurities		✓				
830.1700	Preliminary analysis						
830.1750	Certified limits (158.345)		✓				
830.1800	Enforcement analytical method		✓				

Guideline No.	Group B: Product Chemistry Data Study Title	EP Data Submitted		MP Data Submitted		TGA	
		Yes	No	Yes	No	Yes	No
830.6302	Color		✓				
830.6303	Physical State		✓				
830.6304	Odor		✓				
830.6313	Stability to normal and elevated temperatures metal and metal ions						
830.6314	Oxidation/Reduction (Chemical incompatibility)		✓				
830.6315	Flammability		✓				
830.6316	Explosibility		✓				
830.6317	Storage stability						
830.6319	Miscibility		✓				
830.6320	Corrosion Characteristics						
830.6321	Dielectric Breakdown Voltage		✓				
830.7000	pH		✓				
830.7050	UV/ Visible Absorption						
830.7100	Viscosity		✓				
830.7200	Melting Point						
830.7220	Boiling Point						
830.7300	Density		✓				
830.7370	Dissociation Constant						
830.7550	Partition Coefficient						
830.7840	Water Solubility						
830.7950	Vapor Pressure						

Grayed out = data not required

R 310

New products must either: 1) supply the product specific acute toxicity 6 pack data (listed below), or 2) provide a bridging rationale document. The bridging document directs OPP to use a currently registered set of 6 acute toxicity data and label; instead of submitting product specific data.

Guideline No.	Acute toxicity (6 pack) Study Title	Data submitted		Cited	
		Yes	No	Yes	No
870.1100	Acute Oral (LD50)	✓			
870.1200	Acute Dermal (LD50)	✓			
870.1300	Acute Inhalation (LC50)	✓			
870.2400	Acute Eye Irritation	✓			
870.2500	Acute Dermal Irritation	✓			
870.2600	Dermal Sensitization	✓			

Efficacy – which guideline is used depends on the proposed label use

Guideline No.	Study Title	Data submitted		Cited		Comments
		Yes	No	Yes	No	
810.3100	Soil Treatments for Imported Fire Ants					
810.3200	Livestock, Poultry, Fur and Wool-Bearing Animal Treatments					
810.3300	Treatments to Control Pests of Humans and Pets					
810.3400	Mosquito, Black Fly, and Biting Midge (Sand Fly) Treatments					
810.3500	Premises Treatments					
810.3600	Structural Treatments					
810.3800	Methods for Efficacy Testing of Termite Baits					

Microsoft Word - 20120705 3

S: 2020432

Regulatory Type: Product Registration - Section 3

Application Type: New Registration

Company: 100 SYNGENTA CROP PROTECTION, LLC

Risk Manager: Registration Division, Risk Management Team 1

Product #: 100-RLJAN

Product Name: SY700-11

Original:

Me Too:

Section:

Product Name:

Application Date: 17-Jul-2012

Front End Date: 18-Jul-2012

FFS Due Date:

OPP Target Date:

Fast Track:

Receipt Description: Associated with e-Submission package 2212. Application for registration

Form A:

Signature Date:

Regulation: ☐ Yes ☒ No

Fee For Service: ☒ Yes ☐ No

Dispute: ☒ Yes ☐ No

Me Too:

Section:

Product Name:

OPP Rec'd Date: 18-Jul-2012

Risk Manager Send Date:

Negotiated Due Date:

New Ingredient: ☐

Form B:

Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

Study

CoP

View/Edit

New Ingredient Request Date

New Ingredient Received Date

Signature Date

From: paygovadmin@mail.doc.twai.gov
To: [Eay Pat USGR](#)
Subject: Pay.gov Payment Confirmation: PRIA Service Fees
Date: Monday, July 09, 2012 2:10:35 PM

Your payment has been submitted to Pay.gov and the details are below. If you have any questions regarding this payment, please contact Pay.gov Customer Service by phone at (800) 624-1373 or by email at pay.gov.clev@clev.frb.org.

Application Name: PRIA Service Fees
Pay.gov Tracking ID: 25790VMR
Agency Tracking ID: 74332536540
Transaction Type: Sale
Transaction Date: Jul 9, 2012 2:10:23 PM

7-2012 Pat McCain
SYT0511 New Product Reg.
R310 6 mos. \$4,807
A/I: THX_FDL_MEF_SDX

Account Holder Name: Janis McFarland
Transaction Amount: \$4,807.00
Billing Address: P.O. Box 18300
City: Greensboro
State/Province: NC
Zip/Postal Code: 27419
Country: USA
Card Type: Visa
Card Number: *****4035

Decision Number:
Registration Number: 100-xxxx
Company Name: Syngenta Crop Protection
Company Number: 100
Action Code: R310

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.



Patrick McCain
Senior Regulatory Product Manager
Regulatory Affairs, Seed Care
(336) 632-7317 (phone)
(336) 632-5688 (fax)
patrick.mccain@syngenta.com

Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419-8300
www.syngenta.com

FedEx

CONFIDENTIAL BUSINESS INFORMATION ENCLOSED

July 17, 2012

Document Processing Desk (E-SUB) (APPL) (REG-FEE)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
2777 South Crystal Drive
Room S-4900, One Potomac Yard
Arlington, VA 22202-4501

**Attention: Ms. Venus Eagle – PM Team 1, Insecticide-Rodenticide Branch
Registration Division**

**SUBJECT: APPLICATION FOR NEW PRODUCT REGISTRATION
SYT0511 (EPA FILE SYMBOL NO. 100-XXXX)**

Dear Ms. Eagle:

Syngenta Crop Protection, LLC is seeking a new product registration for a seed treatment formulation with the active ingredients thiamethoxam, fludioxonil, mefenoxam, and sedaxane with EPA Reg. Nos. 100-936, 100-759, 100-791, and 100-1381, respectively. We are requesting use on soybeans at rates equal to, or below, those on currently approved EPA labels as listed in the table below:

EPA-approved Product	EPA Reg. No.	Active Ingredient	Maximum EPA-approved Rate	Maximum Rate proposed on SYT0511
Cruiser 5FS	100-941	thiamethoxam	0.1512 mg ai/seed	0.1134 mg ai/seed
Apron XL	100-799	mefenoxam	0.0227 mg ai/seed	0.0227 mg ai/seed
Vibrance	100-1374	Sedaxane	0.0075 mg ai/seed	0.0038 mg ai/seed
THX/MXM/FDL/TBZ FS	100-1426	fludioxonil	0.0038 mg ai/seed	0.0038 mg ai/seed

Please note, the formulation name for SYT0511 is indicated as "CruiserMaxx Supreme (A19094D)" in the enclosed PC data volumes and "Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D)" in the enclosed Acute Toxicity data volumes.

Enclosed on a compact disk (CD) are the following documents to support this submission, which is being filed as an electronic submission:

- Receipt of PRIA II prepayment
- Two (2) EPA Form 8570-4:
 - CSF 1340-1 Basic Formulation dated 6-28-2012
 - CSF 1341-1 Alternate Formulation dated 6-28-2012
- EPA Form 8570-1 Application for Pesticide Registration



Ms. Venus Eagle
July 17, 2012 - SYT0511 Application for New Product Registration
Page 2 of 2

- Five (5) EPA Form 8570-34 Certification with Respect to Citation of Data
- Five (5) sets of EPA Form 8570-35 Data Matrices Private and Public:
 - Four (4) technical active ingredient and for the new End-use product
- PDF version of proposed Label
- Transmittal Document
- Two (2) Product Chemistry Data Volume
- Six (6) Acute Toxicology Data Volume

Fees for Services

In compliance with the Pesticide Registration Improvement Act, Syngenta has paid the required pesticide registration fee for this action. Syngenta believes that this submission fits the following registration fee category: R310/46 (New Product, Non-fast track), 6-month review timeframe and a fee of \$4,807. Please e-mail the registration fee confirmation receipt to patrick.mccain@syngenta.com and to my regulatory assistant Pat Eay at pat.eay@syngenta.com.


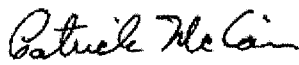
If you have any questions or comments regarding this application, please contact me at 336-632-7317 or at patrick.mccain@syngenta.com.

Sincerely,

A handwritten signature in black ink that reads "Patrick McCain".

Patrick McCain
Senior Regulatory Manager – Seed Care Products
Syngenta Crop Protection, LLC

Enclosed information (Forms, Transmittal and Data on CD)

 United States Environmental Protection Agency Washington, DC 20460		Registration Amendment Other	OPP Identifier Number
Application for Pesticide - Section I			
1. Company/Product Number 100-XXXX		2. EPA Product Manager Ms. Venus Eagle	
4. Company/Product (Name) SYT0511		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted PM# PM Team 1, IRB	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, LLC P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	
Section - II			
<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Notification - Explain below. <input checked="" type="checkbox"/> Other - Explain below.			
Explanation: Use additional page(s) if necessary. (For Section I and Section II.). Syngenta Crop Protection, LLC is seeking a new product registration for a seed treatment formulation with the active ingredients thiamethoxam, fludioxonil, mefenoxam, and sedaxane with EPA Reg. Nos. 100-936, 100-759, 100-791, and 100-1381, respectively. CSF 1340-1 Basic Formulation and CSF 1341-1 Alternate Formulation, both CSFs are dated 6-28-2012. Syngenta believes that this submission fits the following registration fee category: R310/46 (New Product, Non-fast track), 6-month review timeframe and a fee of \$4,807.			
Section - III			
1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No <i>*Certification must be submitted</i>	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" No. per Unit Packaging wgt. Container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" No. per Unit Packaging wgt. container	2. Type of Container <input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 gal - Bulk	
5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Other Pressure sensitive <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	
Section - IV			
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Patrick McCain		Title Sr. Regulatory Product Manager Telephone No. (Include Area Code) (336) 632-7317	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Senior Regulatory Product Manager	
4. Typed Name Patrick McCain		5. Date July 17, 2012	

**VOLUME 1 OF 9 OF SUBMISSION
(TRANSMITTAL DOCUMENT)**

1. Name and Address of Submitter

Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419

2. Regulatory Action in Support of which this Package is Submitted

Application for Registration of a New End Use Product:
SYT0511 (EPA File Symbol No. 100-xxxx) A19094D

3. Transmittal Date

07/17/2012

4. List of Submitted Studies

MRID NUMBER	VOLUME NUMBER	STUDY TITLE	EPA GUIDELINE NUMBER
48836200	1 OF 9	Transmittal Document	N/A
48836201	2 OF 9	CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data, PC-12-009, (A19094D_50022)	830.1550 830.1600 830.1650 830.1670 830.1750 830.1800
48836202	3 OF 9	CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties, PC-12-010, (A19094D_50021)	830.6302 830.6303 830.6304 830.6314 830.6315 830.6316 830.6319 830.6321 830.7000 830.7100 830.7300
48836203	4 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl- M/Sedaxane FS (A19094D) - Acute Oral Toxicity Up-and-Down Procedures in Rats, 33282, (A19094D_50017)	870.1100
48836204	5 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl- M/Sedaxane FS (A19094D) - Acute Dermal Toxicity in Rats, 33283, (A19094D_50018)	870.1200

48836205	6 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Acute Inhalation Toxicity in Rats, 33284, (A19094D_50019)	870.1300
48836206	7 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Primary Eye Irritation in Rabbits, 33285, (A19094D_50015)	870.2400
48836207	8 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Primary Skin Irritation in Rabbits, 33286, (A19094D_50016)	870.2500
48836208	9 OF 9	Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Dermal Sensitization Test - Buehler Method, 33287, (A19094D_50014)	870.2600

COMPANY OFFICIAL: PATRICK McCAIN
(NAME)


(SIGNATURE)

COMPANY NAME: SYNGENTA CROP PROTECTION, LLC

COMPANY CONTACT: PATRICK McCAIN
(NAME)

(336) 632-7317
(PHONE)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M STREET, S.W.

WASHINGTON, D.C. 20460

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Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Syngenta Crop Protection, PO Box 18300, Greensboro, NC 27419	EPA Registration Number/File Symbol 100-XXXX
Active Ingredient(s) and/or representative test compound(s) Thiamethoxam/ Fludioxonil/Mefenoxam/Sedaxane	Date July 13, 2012
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Uses	Product Name STY0511

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-in Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date 7-13-2012	Typed or Printed Name and Title Patrick McCain Senior Regulatory Product Manager, Seed Care
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EPA Form 8570-34 (9-97) Electronic and Paper versions available. Submit only Paper version.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date: 7/13/2012			Reg. No: 100-XXXX		Page 1 of 3
Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741			Product: SYT0511		
Ingredient: Thiamethoxam, Fludioxonil, Mefenoxam, Sedaxane					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
Cite-All	Cite-All	Cite-All (AHE	AGRICULTURAL HAN	PER	
Cite-All	Cite-All	Cite-All (ART	AGRICULTURAL REE	PER	
Cite-All	Cite-All	Cite-All (FES	FIFRA ENDANGERED	PER	
Cite-All	Cite-All	Cite-All (ORE	OUTDOOR RESIDENT	PER	
Cite-All	Cite-All	Cite-All (SDT	SPRAY DRIFT TF	PER	
Cite-All	Cite-All	Cite-All (UST	U.S. TRIAZOLE TASK	PER	
830.1550	Product identity and composition	48836201	SYNGENTA	OWN	
830.1600	Description of materials used to produce the product	48836201	SYNGENTA	OWN	
830.1650	Description of Formulation process	48836201	SYNGENTA	OWN	
830.1670	Discussion of formation of impurities	48836201	SYNGENTA	OWN	
830.1750	Certified limits	48836201	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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DATA MATRIX

Date: 7/13/2012

Reg. No: 100-XXXX

Page 2 of 3

Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: SYT0511

Ingredient: Thiamethoxam, Fludioxonil, Mefenoxam, Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.1800	Enforcement analytical method	48836201	SYNGENTA	OWN	
830.6302	Color	48836202	SYNGENTA	OWN	
830.6303	Physical state	48836202	SYNGENTA	OWN	
830.6304	Odor	48836202	SYNGENTA	OWN	
830.6314	Oxidation/reduction: chemical incompatibility	48836202	SYNGENTA	OWN	
830.6315	Flammability	48836202	SYNGENTA	OWN	
830.6316	Explosibility	48836202	SYNGENTA	OWN	
830.6319	Miscibility	48836202	SYNGENTA	OWN	
830.6321	Dielectric breakdown voltage	48836202	SYNGENTA	OWN	
830.7000	pH	48836202	SYNGENTA	OWN	
830.7100	Viscosity	48836202	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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DATA MATRIX

Date: 7/13/2012		Reg. No: 100-XXXX		Page 3 of 3	
Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741		Product: SYT0511			
Ingredient: Thiamethoxam, Fludioxonil, Mefenoxam, Sedaxane					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.7300	Density/relative density/bulk density	48836202	SYNGENTA	OWN	
870.1100	Acute oral toxicity	48836203	SYNGENTA	OWN	
870.1200	Acute dermal toxicity	48836204	SYNGENTA	OWN	
870.1300	Acute inhalation toxicity	48836205	SYNGENTA	OWN	
870.2400	Acute eye irritation	48836206	SYNGENTA	OWN	
870.2500	Acute dermal irritation	48836207	SYNGENTA	OWN	
870.2600	Skin sensitization	48836208	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Syngenta Crop Protection, PO Box 18300, Greensboro, NC 27419	EPA Registration Number/File Symbol 100-759
Active Ingredient(s) and/or representative test compound(s) Fludioxonil	Date July 13, 2012
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Uses	Product Name Fludioxonil Technical

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

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SECTION III: CERTIFICATION

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I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date 7-13-2012	Typed or Printed Name and Title Patrick McCain Senior Regulatory Product Manager, Seed Care
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DATA MATRIX

Date: 7/13/2012

Reg. No: 100-759

Page 1 of 35

Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
Cite-All	Cite-All	Cite-All (AHE	AGRICULTURAL HAN	PER	
Cite-All	Cite-All	Cite-All (ART	AGRICULTURAL REE	PER	
Cite-All	Cite-All	Cite-All (FES	FIFRA ENDANGERED	PER	
Cite-All	Cite-All	Cite-All (ORE	OUTDOOR RESIDENT	PER	
Cite-All	Cite-All	Cite-All (REJ	RESIDENTIAL EXPOS	PER	
Cite-All	Cite-All	Cite-All (SDT	SPRAY DRIFT TF	PER	
830.0000	Product identity and composition	43080001	SYNGENTA	OWN	
830.0000	Product identity and composition	43080002	SYNGENTA	OWN	
830.0000	Product identity and composition	43080004	SYNGENTA	OWN	
830.0000	Product identity and composition	43080048	SYNGENTA	OWN	
830.0000	Product identity and composition	43124101	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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401 M Street
WASHINGTON, D.C. 20460

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DATA MATRIX

Date: 7/13/2012

Reg. No: 100-759

Page 2 of 35

Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.0000	Product identity and composition	43690401	SYNGENTA	OWN	
830.1550	Product identity and composition	45922401	SYNGENTA	OWN	
830.1550	Product identity and composition	48251801	SYNGENTA	OWN	
830.1600	Description of materials used to produce the product	46335901	SYNGENTA	OWN	
830.1600	Description of materials used to produce the product	47297801	SYNGENTA	OWN	
830.1600	Description of materials used to produce the product	47514701	SYNGENTA	OWN	
830.1600	Description of materials used to produce the product	48251801	SYNGENTA	OWN	
830.1700	Preliminary analysis	45922401	SYNGENTA	OWN	
830.1700	Preliminary analysis	48251801	SYNGENTA	OWN	
830.1750	Certified limits	45922401	SYNGENTA	OWN	
830.1750	Certified limits	48251801	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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WASHINGTON, D.C. 20460

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DATA MATRIX

Date: 7/13/2012

Reg. No: 100-759

Page 3 of 35

Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.6317	Storage Stability	43124101	SYNGENTA	OWN	
830.6317	Storage Stability	43690402	SYNGENTA	OWN	
830.6320	Corrosion characteristics	43124101	SYNGENTA	OWN	
870 Series	Health Effects Tests	44867310	SYNGENTA	OWN	
870.0000	Health effects supplementary data	43080005	SYNGENTA	OWN	
870.1100	Acute oral toxicity	43124105	SYNGENTA	OWN	
870.1100	Acute oral toxicity	43124109	SYNGENTA	OWN	
870.1200	Acute dermal toxicity	43124106	SYNGENTA	OWN	
870.1300	Acute inhalation toxicity	43080019	SYNGENTA	OWN	
870.1300	Acute inhalation toxicity	43080020	SYNGENTA	OWN	
870.2400	Acute eye irritation	43124107	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.2500	Acute dermal irritation	43124108	SYNGENTA	OWN	
870.2600	Skin sensitization	43080024	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	43080026	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	43080027	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	43080028	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	43080029	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	45530201	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	43080026	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	43080027	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	43080028	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	43080029	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.3150	Subchronic nonrodent oral toxicity - 90-day	45530201	SYNGENTA	OWN	
870.3200	Repeated dose dermal toxicity - 21/28 day	43080030	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	43080034	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	43080035	SYNGENTA	OWN	
870.3800	Reproduction and fertility effects	43080036	SYNGENTA	OWN	
870.4100	Chronic toxicity	43080031	SYNGENTA	OWN	
870.4100	Chronic toxicity	43080037	SYNGENTA	OWN	
870.4100	Chronic toxicity	43550102	SYNGENTA	OWN	
870.4100	Chronic toxicity	43550103	SYNGENTA	OWN	
870.4100	Chronic toxicity	43934001	SYNGENTA	OWN	
870.4200	Carcinogenicity	43080032	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.4200	Carcinogenicity	43080033	SYNGENTA	OWN	
870.4200	Carcinogenicity	43080037	SYNGENTA	OWN	
870.4200	Carcinogenicity	43550102	SYNGENTA	OWN	
870.4200	Carcinogenicity	43550103	SYNGENTA	OWN	
870.4200	Carcinogenicity	43934001	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43080038	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43080039	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43080040	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43080041	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43080042	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43080043	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.5000	Genetic Toxicity tests	43080044	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43152501	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	44382304	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	45050502	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	45050503	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	45062201	SYNGENTA	OWN	
870.5500	Bacterial DNA damage or repair tests	45050502	SYNGENTA	OWN	
870.6200	Neurotoxicity screening battery	43080031	SYNGENTA	OWN	
870.6200	Neurotoxicity screening battery	43080037	SYNGENTA	OWN	
870.6200	Neurotoxicity screening battery	43550102	SYNGENTA	OWN	
870.6200	Neurotoxicity screening battery	43550103	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.6200	Neurotoxicity screening battery	43934001	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	43080045	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	43080046	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	43445901	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	43445902	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	44867315	SYNGENTA	OWN	
870.7800	Immunotoxicity	48478502	SYNGENTA	OWN	
Not Applicable	Acute Toxicity Assessment	48604909	SYNGENTA	OWN	
850.4225	Seedling emergence, Tier 2	48526503	SYNGENTA	OWN	
850.4250	Vegetative vigor, Tier 2	48526504	SYNGENTA	OWN	
850.4400	Aquatic plant toxicity test using Lemna spp. Tiers I an	44382305	SYNGENTA	OWN	

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Ingredient: Fludioxonil					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.4400	Aquatic plant toxicity test using Lemna spp. Tiers I an	44382306	SYNGENTA	OWN	
850.4400	Aquatic plant toxicity test using Lemna spp. Tiers I an	45808101	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	44382305	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	44382306	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	45808101	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	48526505	SYNGENTA	OWN	
875.2400	Dermal exposure	43080016	SYNGENTA	OWN	
875.2400	Dermal exposure	43080049	SYNGENTA	OWN	
875.2400	Dermal exposure	43522801	SYNGENTA	OWN	
875.2400	Dermal exposure	44382307	SYNGENTA	OWN	
875.2400	Dermal exposure	45200002	SYNGENTA	OWN	

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Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
875.2600	Biological Monitoring	43080016	SYNGENTA	OWN	
875.2600	Biological Monitoring	43080049	SYNGENTA	OWN	
875.2600	Biological Monitoring	43522801	SYNGENTA	OWN	
875.2600	Biological Monitoring	44382307	SYNGENTA	OWN	
875.2600	Biological Monitoring	45200002	SYNGENTA	OWN	
850.3020	Honey bee acute contact toxicity	43080047	SYNGENTA	OWN	
850.3020	Honey bee acute contact toxicity	45649304	SYNGENTA	OWN	
161-1	Hydrolysis - laboratory	43152502	SYNGENTA	OWN	
161-2	Photodegradation in water - laboratory	43380512	SYNGENTA	OWN	
161-2	Photodegradation in water - laboratory	43496302	SYNGENTA	OWN	
161-2	Photodegradation in water - laboratory	44382308	SYNGENTA	OWN	

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Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
161-3	Photodegradation in soil - laboratory	43482601	SYNGENTA	OWN	
161-3	Photodegradation in soil - laboratory	44382308	SYNGENTA	OWN	
161-3	Photodegradation in soil - laboratory	47169312	SYNGENTA	OWN	
161-3	Photodegradation in soil - laboratory	47169313	SYNGENTA	OWN	
161-3	Photodegradation in soil - laboratory	47169314	SYNGENTA	OWN	
162-1	Aeroic Soil metabolism	43380513	SYNGENTA	OWN	
162-1	Aeroic Soil metabolism	46294501	SYNGENTA	OWN	
162-1	Aeroic Soil metabolism	47169301	SYNGENTA	OWN	
162-1	Aeroic Soil metabolism	47169302	SYNGENTA	OWN	
162-1	Aeroic Soil metabolism	47169303	SYNGENTA	OWN	
162-2	Anaerobic Soil Metabolism	47169302	SYNGENTA	OWN	

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Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
162-2	Anaerobic Soil Metabolism	47169303	SYNGENTA	OWN	
162-4	Aerobic Aquatic Metabolism	47169304	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	43380514	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	43496303	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	44382309	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	44382310	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	44382311	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	44382312	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	44382313	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44382314	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44382315	SYNGENTA	OWN	

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Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
164-1	Soil dissipation -- field	44382316	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44382317	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44382318	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44703505	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44703537	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44703538	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44940101	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44940102	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44940104	SYNGENTA	OWN	
164-1	Soil dissipation -- field	45357001	SYNGENTA	OWN	
860.1000	Background	44703528	SYNGENTA	OWN	

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Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1000	Background	44703529	SYNGENTA	OWN	
860.1000	Background	44703530	SYNGENTA	OWN	
860.1000	Background	44715105	SYNGENTA	OWN	
860.1000	Background	44715108	SYNGENTA	OWN	
860.1000	Background	46584601	SYNGENTA	OWN	
860.1000	Background	46715501	SYNGENTA	OWN	
860.1000	Background	46715502	SYNGENTA	OWN	
860.1000	Background	46715503	SYNGENTA	OWN	
860.1000	Background	46715504	SYNGENTA	OWN	
860.1000	Background	46715505	SYNGENTA	OWN	
860.1000	Background	46715506	SYNGENTA	OWN	

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Ingredient: Fludioxonil					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1300	Nature of the residue -- plants, livestock	43080054	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43143301	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43445903	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43445904	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43445905	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43445906	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43445907	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43445908	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43445909	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43445910	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43470601	SYNGENTA	OWN	

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Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1300	Nature of the residue -- plants, livestock	43470602	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43960410	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43960411	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43960412	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43960413	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43960414	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44382322	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44382323	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44382324	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44382325	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44382326	SYNGENTA	OWN	

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Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1300	Nature of the residue -- plants, livestock	44382327	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44382328	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44382329	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44382330	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44554201	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44554202	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44554203	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44554204	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44926101	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	45821801	SYNGENTA	OWN	
860.1340	Residue analytical method	43080050	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	43080051	SYNGENTA	OWN	
860.1340	Residue analytical method	43080052	SYNGENTA	OWN	
860.1340	Residue analytical method	43080053	SYNGENTA	OWN	
860.1340	Residue analytical method	43080055	SYNGENTA	OWN	
860.1340	Residue analytical method	43124110	SYNGENTA	OWN	
860.1340	Residue analytical method	43124111	SYNGENTA	OWN	
860.1340	Residue analytical method	43690403	SYNGENTA	OWN	
860.1340	Residue analytical method	43960415	SYNGENTA	OWN	
860.1340	Residue analytical method	43960416	SYNGENTA	OWN	
860.1340	Residue analytical method	43960417	SYNGENTA	OWN	
860.1340	Residue analytical method	43960418	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	44382331	SYNGENTA	OWN	
860.1340	Residue analytical method	44382332	SYNGENTA	OWN	
860.1340	Residue analytical method	44382333	SYNGENTA	OWN	
860.1340	Residue analytical method	44382334	SYNGENTA	OWN	
860.1340	Residue analytical method	44382335	SYNGENTA	OWN	
860.1340	Residue analytical method	44382336	SYNGENTA	OWN	
860.1340	Residue analytical method	44382337	SYNGENTA	OWN	
860.1340	Residue analytical method	44382338	SYNGENTA	OWN	
860.1340	Residue analytical method	44382339	SYNGENTA	OWN	
860.1340	Residue analytical method	44382340	SYNGENTA	OWN	
860.1340	Residue analytical method	44382341	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	44382342	SYNGENTA	OWN	
860.1340	Residue analytical method	44382343	SYNGENTA	OWN	
860.1340	Residue analytical method	44382344	SYNGENTA	OWN	
860.1340	Residue analytical method	44382345	SYNGENTA	OWN	
860.1340	Residue analytical method	44382346	SYNGENTA	OWN	
860.1340	Residue analytical method	44382347	SYNGENTA	OWN	
860.1340	Residue analytical method	44382348	SYNGENTA	OWN	
860.1340	Residue analytical method	44382349	SYNGENTA	OWN	
860.1340	Residue analytical method	44382350	SYNGENTA	OWN	
860.1340	Residue analytical method	44382351	SYNGENTA	OWN	
860.1340	Residue analytical method	44382352	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

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Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

: Fludioxonil

Reference Number	Name	MRID	Submitter	Status	Notes
	Residue analytical method	44382353	SYNGENTA	OWN	
	Residue analytical method	44382354	SYNGENTA	OWN	
	Residue analytical method	44382355	SYNGENTA	OWN	
	Residue analytical method	44382356	SYNGENTA	OWN	
	Residue analytical method	44382357	SYNGENTA	OWN	
	Residue analytical method	44382358	SYNGENTA	OWN	
	Residue analytical method	44382359	SYNGENTA	OWN	
	Residue analytical method	44382360	SYNGENTA	OWN	
	Residue analytical method	44382361	SYNGENTA	OWN	
	Residue analytical method	44382362	SYNGENTA	OWN	
	Residue analytical method	44382363	SYNGENTA	OWN	



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n, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Order	Name	MRID	Submitter	Status	Notes
	Residue analytical method	44382364	SYNGENTA	OWN	
	Residue analytical method	44382365	SYNGENTA	OWN	
	Residue analytical method	44382366	SYNGENTA	OWN	
	Residue analytical method	44382367	SYNGENTA	OWN	
	Residue analytical method	44382368	SYNGENTA	OWN	
	Residue analytical method	44382370	SYNGENTA	OWN	
	Residue analytical method	44490802	SYNGENTA	OWN	
	Residue analytical method	44554204	SYNGENTA	OWN	
	Residue analytical method	44554205	SYNGENTA	OWN	
	Residue analytical method	44554206	SYNGENTA	OWN	
	Residue analytical method	44554207	SYNGENTA	OWN	

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Ingredient: Fludioxonil					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	44554208	SYNGENTA	OWN	
860.1340	Residue analytical method	44554209	SYNGENTA	OWN	
860.1340	Residue analytical method	44554210	SYNGENTA	OWN	
860.1340	Residue analytical method	44615601	SYNGENTA	OWN	
860.1340	Residue analytical method	44615602	SYNGENTA	OWN	
860.1340	Residue analytical method	44703528	SYNGENTA	OWN	
860.1340	Residue analytical method	44703529	SYNGENTA	OWN	
860.1340	Residue analytical method	44703530	SYNGENTA	OWN	
860.1340	Residue analytical method	44715105	SYNGENTA	OWN	
860.1340	Residue analytical method	44715108	SYNGENTA	OWN	
860.1340	Residue analytical method	44867311	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	44893301	IR-4	PER	
860.1340	Residue analytical method	44893302	IR-4	PER	
860.1340	Residue analytical method	44893303	IR-4	PER	
860.1340	Residue analytical method	44893304	IR-4	PER	
860.1340	Residue analytical method	45286001	IR-4	PER	
860.1340	Residue analytical method	45382801	IR-4	PER	
860.1340	Residue analytical method	45522201	IR-4	PER	
860.1340	Residue analytical method	45530801	IR-4	PER	
860.1340	Residue analytical method	45531001	IR-4	PER	
860.1340	Residue analytical method	45544601	IR-4	PER	
860.1340	Residue analytical method	45660001	IR-4	PER	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	45682301	IR-4	PER	
860.1340	Residue analytical method	45682401	IR-4	PER	
860.1340	Residue analytical method	45721501	IR-4	PER	
860.1340	Residue analytical method	45726001	IR-4	PER	
860.1340	Residue analytical method	45726002	IR-4	PER	
860.1340	Residue analytical method	45726101	IR-4	PER	
860.1340	Residue analytical method	45726102	IR-4	PER	
860.1340	Residue analytical method	45795301	IR-4	PER	
860.1340	Residue analytical method	45795302	IR-4	PER	
860.1340	Residue analytical method	45795401	IR-4	PER	
860.1340	Residue analytical method	45795402	IR-4	PER	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	45839801	IR-4	PER	
860.1340	Residue analytical method	45849401	IR-4	PER	
860.1340	Residue analytical method	45945001	IR-4	PER	
860.1340	Residue analytical method	46016702	IR-4	PER	
860.1340	Residue analytical method	46016703	IR-4	PER	
860.1340	Residue analytical method	48526506	SYNGENTA	OWN	
860.1340	Residue analytical method	48526507	SYNGENTA	OWN	
860.1380	Storage stability data	44382332	SYNGENTA	OWN	
860.1480	Meat/milk/poultry/eggs	48526508	SYNGENTA	OWN	
860.1500	Crop field trials	44490802	SYNGENTA	OWN	
860.1500	Crop field trials	44554206	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1500	Crop field trials	44554207	SYNGENTA	OWN	
860.1500	Crop field trials	44554208	SYNGENTA	OWN	
860.1500	Crop field trials	44554209	SYNGENTA	OWN	
860.1500	Crop field trials	44554210	SYNGENTA	OWN	
860.1500	Crop field trials	44615601	SYNGENTA	OWN	
860.1500	Crop field trials	44615602	SYNGENTA	OWN	
860.1500	Crop field trials	44703528	SYNGENTA	OWN	
860.1500	Crop field trials	44703529	SYNGENTA	OWN	
860.1500	Crop field trials	44703530	SYNGENTA	OWN	
860.1500	Crop field trials	44715105	SYNGENTA	OWN	
860.1500	Crop field trials	46584601	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1500	Crop field trials	46715501	SYNGENTA	OWN	
860.1500	Crop field trials	46715502	SYNGENTA	OWN	
860.1500	Crop field trials	46715503	SYNGENTA	OWN	
860.1500	Crop field trials	46715504	SYNGENTA	OWN	
860.1500	Crop field trials	46715505	SYNGENTA	OWN	
860.1500	Crop field trials	46715506	SYNGENTA	OWN	
860.1500	Crop field trials	47161101	SYNGENTA	OWN	
860.1500	Crop field trials	47161102	SYNGENTA	OWN	
860.1500	Crop field trials	47161103	SYNGENTA	OWN	
860.1500	Crop field trials	47161104	SYNGENTA	OWN	
860.1500	Crop field trials	47161105	SYNGENTA	OWN	

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Ingredient: Fludioxonil					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1500	Crop field trials	47161106	SYNGENTA	OWN	
860.1500	Crop field trials	47161107	SYNGENTA	OWN	
860.1500	Crop field trials	47161108	SYNGENTA	OWN	
860.1500	Crop field trials	47169310	SYNGENTA	OWN	
860.1500	Crop field trials	47169311	SYNGENTA	OWN	
860.1500	Crop field trials	47289701	SYNGENTA	OWN	
860.1500	Crop field trials	47289701	SYNGENTA	OWN	
860.1500	Crop field trials	47289702	SYNGENTA	OWN	
860.1500	Crop field trials	47289702	SYNGENTA	OWN	
860.1500	Crop field trials	48437302	IR-4	PER	
860.1500	Crop field trials	48437303	IR-4	PER	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1500	Crop field trials	48437304	IR-4	PER	
860.1500	Crop field trials	48437305	IR-4	PER	
860.1520	Processed food/feed	44490802	SYNGENTA	OWN	
860.1520	Processed food/feed	44703528	SYNGENTA	OWN	
860.1520	Processed food/feed	44703529	SYNGENTA	OWN	
860.1520	Processed food/feed	44703530	SYNGENTA	OWN	
860.1520	Processed food/feed	47289702	SYNGENTA	OWN	
860.1520	Processed food/feed	47289702	SYNGENTA	OWN	
860.1850	Confined accumulation in rotational crops	43960409	SYNGENTA	OWN	
860.1850	Confined accumulation in rotational crops	44198401	SYNGENTA	OWN	
860.1850	Confined accumulation in rotational crops	44867313	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1900	Field accumulation in rotational crops	44867314	SYNGENTA	OWN	
850.1010	Aquatic invertibrate acute toxicity test, freshwater dap	43080010	SYNGENTA	OWN	
850.1010	Aquatic invertibrate acute toxicity test, freshwater dap	45649301	SYNGENTA	OWN	
850.1025	Oyster acute toxicity test (shell deposition)	43080011	SYNGENTA	OWN	
850.1025	Oyster acute toxicity test (shell deposition)	43080012	SYNGENTA	OWN	
850.1025	Oyster acute toxicity test (shell deposition)	43080013	SYNGENTA	OWN	
850.1025	Oyster acute toxicity test (shell deposition)	45734501	SYNGENTA	OWN	
850.1035	Mysid acute toxicity test	43080011	SYNGENTA	OWN	
850.1035	Mysid acute toxicity test	43080012	SYNGENTA	OWN	
850.1035	Mysid acute toxicity test	43080013	SYNGENTA	OWN	
850.1035	Mysid acute toxicity test	45734501	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.1045	Penaeid acute toxicity test	43080011	SYNGENTA	OWN	
850.1045	Penaeid acute toxicity test	43080012	SYNGENTA	OWN	
850.1045	Penaeid acute toxicity test	43080013	SYNGENTA	OWN	
850.1045	Penaeid acute toxicity test	45734501	SYNGENTA	OWN	
850.1055	Bivalve acute toxicity test (embryo larval)	43080011	SYNGENTA	OWN	
850.1055	Bivalve acute toxicity test (embryo larval)	43080012	SYNGENTA	OWN	
850.1055	Bivalve acute toxicity test (embryo larval)	43080013	SYNGENTA	OWN	
850.1055	Bivalve acute toxicity test (embryo larval)	45734501	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	43080008	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	43080009	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	43080011	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: FLUDIOXONIL TECHNICAL

Ingredient: Fludioxonil

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.1075	Fish acute toxicity test, freshwater and marine	43080012	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	43080013	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	44240401	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	45649302	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	45649303	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	45734501	SYNGENTA	OWN	
850.1300	Daphnid chronic toxicity test	43080014	SYNGENTA	OWN	
850.1300	Daphnid chronic toxicity test	43080015	SYNGENTA	OWN	
850.1300	Daphnid chronic toxicity test	44382302	SYNGENTA	OWN	
850.1350	Mysid chronic toxicity test	43080014	SYNGENTA	OWN	
850.1350	Mysid chronic toxicity test	43080015	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741		Product: FLUDIOXONIL TECHNICAL			
Ingredient: Fludioxonil					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.1350	Mysid chronic toxicity test	44382302	SYNGENTA	OWN	
850.1350	Mysid chronic toxicity test	48526501	SYNGENTA	OWN	
850.1400	Fish early-life stage toxicity test	43080014	SYNGENTA	OWN	
850.1400	Fish early-life stage toxicity test	43080015	SYNGENTA	OWN	
850.1400	Fish early-life stage toxicity test	44382302	SYNGENTA	OWN	
850.1400	Fish early-life stage toxicity test	4856502	SYNGENTA	OWN	
850.1730	Accumulation in fish -- waiver	44382320	SYNGENTA	OWN	
850.1950	Field testion for aquatic organisms	44382303	SYNGENTA	OWN	
850.2100	Avian acute oral toxicity test	43124102	SYNGENTA	OWN	
850.2200	Avian dietary toxicity test	43124103	SYNGENTA	OWN	
850.2200	Avian dietary toxicity test	43124104	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741		Product: FLUDIOXONIL TECHNICAL			
Ingredient: Fludioxonil					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.2300	Avian reproduction test	43080006	SYNGENTA	OWN	
850.2300	Avian reproduction test	43080007	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Syngenta Crop Protection, PO Box 18300, Greensboro, NC 27419	EPA Registration Number/File Symbol 100-791
Active Ingredient(s) and/or representative test compound(s) Mefenoxam	Date also check date below July 13, 2012
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Uses	Product Name MEFENOXAM TECHNICAL

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-in Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature <i>Patrick McCain</i>	Date 7-13-2012	Typed or Printed Name and Title PATRICK MCCAIN Senior Regulatory Product Manager, Seed Care
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EPA Form 8570-34 (9-97) Electronic and Paper versions available. Submit only Paper version.



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DATA MATRIX

Date: 7/13/2012

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
Cite-All	Cite-All	Cite-All (AHE	AGRICULTURAL HAN	PER	
Cite-All	Cite-All	Cite-All (ART	AGRICULTURAL REE	PER	
Cite-All	Cite-All	Cite-All (FES	FIFRA ENDANGERED	PER	
Cite-All	Cite-All	Cite-All (ORE	OUTDOOR RESIDENT	PER	
Cite-All	Cite-All	Cite-All (REJ	RESIDENTIAL EXPOS	PER	
Cite-All	Cite-All	Cite-All (SDT	SPRAY DRIFT TF	PER	
830.0000	Product identity and composition	43800301	SYNGENTA	OWN	
830.0000	Product identity and composition	43800321	SYNGENTA	OWN	
830.0000	Product identity and composition	43800322	SYNGENTA	OWN	
830.0000	Product identity and composition	43889802	SYNGENTA	OWN	
830.0000	Product identity and composition	43889803	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.1550	Product identity and composition	43800323	SYNGENTA	OWN	
830.1550	Product identity and composition	43889801	SYNGENTA	OWN	
830.1550	Product identity and composition	43889803	SYNGENTA	OWN	
830.1600	Description of materials used to produce the product	46342101	SYNGENTA	OWN	
830.1670	Discussion of formation of impurities	43800323	SYNGENTA	OWN	
830.1670	Discussion of formation of impurities	43889801	SYNGENTA	OWN	
830.1700	Preliminary analysis	43800323	SYNGENTA	OWN	
830.1700	Preliminary analysis	43889801	SYNGENTA	OWN	
830.1750	Certified limits	43800321	SYNGENTA	OWN	
870.1100	Acute oral toxicity	43800383	SYNGENTA	OWN	
870.1200	Acute dermal toxicity	43800384	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.1300	Acute inhalation toxicity	43800385	SYNGENTA	OWN	
870.2400	Acute eye irritation	43800386	SYNGENTA	OWN	
870.2400	Acute eye irritation	46017401	SYNGENTA	OWN	
870.2500	Acute dermal irritation	43800387	SYNGENTA	OWN	
870.2600	Skin sensitization	43800388	SYNGENTA	OWN	
870.2600	Skin sensitization	43800389	SYNGENTA	OWN	
870.2600	Skin sensitization	44185708	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	00071598	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	00084110	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	00084111	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	00148087	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.3100	90-Day oral toxicity	43800390	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	43800391	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	43800392	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	43823202	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	00071598	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	00084110	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	00084111	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	00148087	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	43800390	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	43800391	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	43800392	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.3150	Subchronic nonrodent oral toxicity - 90-day	43823202	SYNGENTA	OWN	
870.3200	Repeated dose dermal toxicity - 21/28 day	00072394	SYNGENTA	OWN	
870.3465	90-Day inhalation toxicity	00109471	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	00144371	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	00144372	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	00144423	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	00148866	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	00148867	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	00154938	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	00161404	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	00161405	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.3700	Prenatal developmental toxicity study	43800393	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	44208401	SYNGENTA	OWN	
870.3800	Reproduction and fertility effects	00071600	SYNGENTA	OWN	
870.4200	Carcinogenicity	00098481	SYNGENTA	OWN	
870.4200	Carcinogenicity	00103354	SYNGENTA	OWN	
870.4200	Carcinogenicity	00132009	SYNGENTA	OWN	
870.4200	Carcinogenicity	00150094	SYNGENTA	OWN	
870.4200	Carcinogenicity	00150185	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00084113	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00084114	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00103361	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.5000	Genetic Toxicity tests	00103362	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00103363	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00154301	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00154302	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00154306	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00154307	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00154309	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00154310	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00154663	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	00160037	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43800394	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.5000	Genetic Toxicity tests	43800395	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43800401	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43800402	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43800403	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	43800404	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	00071614	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	00099084	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	00161402	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	41664501	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	43317301	SYNGENTA	OWN	
870.7600	Dermal penetration	45085901	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.7600	Dermal penetration	45085902	SYNGENTA	OWN	
850.4400	Aquatic plant toxicity test using Lemna spp. Tiers I an	00148448	SYNGENTA	OWN	
850.4400	Aquatic plant toxicity test using Lemna spp. Tiers I an	43875307	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	00148448	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	43875307	SYNGENTA	OWN	
875.2100	Foliar dislodgeable residue dissipation	46017402	SYNGENTA	OWN	
850.3020	Honey bee acute contact toxicity	40276701	SYNGENTA	OWN	
850.3020	Honey bee acute contact toxicity	43875308	SYNGENTA	OWN	
161-1	Hydrolysis - laboratory	00104493	SYNGENTA	OWN	
161-2	Photodegradation in water - laboratory	41156001	SYNGENTA	OWN	
161-3	Photodegradation in soil - laboratory	00100456	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
161-3	Photodegradation in soil - laboratory	43883402	SYNGENTA	OWN	
162-1	Aerobic Soil metabolism	43935301	SYNGENTA	OWN	
162-3	Anaerobic Aquatic Metabolism	42259801	SYNGENTA	OWN	
162-4	Aerobic Aquatic Metabolism	42259802	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	00100455	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	00100464	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	00100465	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	00100466	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	43875309	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	43935302	SYNGENTA	OWN	
164-1	Soil dissipation -- field	00104494	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Ingredient: Mefenoxam					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
164-1	Soil dissipation -- field	00104654	SYNGENTA	OWN	
164-1	Soil dissipation -- field	41765001	SYNGENTA	OWN	
164-1	Soil dissipation -- field	41765002	SYNGENTA	OWN	
164-1	Soil dissipation -- field	41809301	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44703505	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44703538	SYNGENTA	OWN	
164-2	Aquatic field dissipation	42259803	SYNGENTA	OWN	
164-2	Aquatic field dissipation	42259804	SYNGENTA	OWN	
165 Series	Accumulation study guidelines	00100470	SYNGENTA	OWN	
166-2	Small Scale Retrospective Groundwater Monitoring St	00043585	SYNGENTA	OWN	
166-2	Small Scale Retrospective Groundwater Monitoring St	00043586	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
166-2	Small Scale Retrospective Groundwater Monitoring St	00156010	SYNGENTA	OWN	
166-2	Small Scale Retrospective Groundwater Monitoring St	40124501	SYNGENTA	OWN	
166-2	Small Scale Retrospective Groundwater Monitoring St	40307601	SYNGENTA	OWN	
166-2	Small Scale Retrospective Groundwater Monitoring St	41115601	SYNGENTA	OWN	
166-2	Small Scale Retrospective Groundwater Monitoring St	41115602	SYNGENTA	OWN	
166-2	Small Scale Retrospective Groundwater Monitoring St	41439201	SYNGENTA	OWN	
166-2	Small Scale Retrospective Groundwater Monitoring St	41672501	SYNGENTA	OWN	
166-2	Small Scale Retrospective Groundwater Monitoring St	41672502	SYNGENTA	OWN	
166-2	Small Scale Retrospective Groundwater Monitoring St	41672503	SYNGENTA	OWN	
171-11	Crop field trials	43896904	SYNGENTA	OWN	
171-11	Crop field trials	45508401	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
171-4	Residue	00074488	SYNGENTA	OWN	
171-4	Residue	42259805	SYNGENTA	OWN	
860.1000	Background	44703528	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071601	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071604	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071605	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071606	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071607	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071608	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071609	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071610	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1300	Nature of the residue -- plants, livestock	00071611	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071612	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071622	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00071623	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00100477	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00100478	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00100753	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00104378	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00104387	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00104390	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00104485	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1300	Nature of the residue -- plants, livestock	00114379	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00128102	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00148103	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00148440	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	00155237	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	40503101	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	41055203	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	41664503	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	41664504	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	41664505	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	41912903	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1300	Nature of the residue -- plants, livestock	42115801	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	42115802	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	42115803	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	42115804	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	42115807	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	42115808	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	42115809	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	42115810	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	43896901	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	44976201	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	45215901	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1300	Nature of the residue -- plants, livestock	45508401	SYNGENTA	OWN	
860.1340	Residue analytical method	00071602	SYNGENTA	OWN	
860.1340	Residue analytical method	00071603	SYNGENTA	OWN	
860.1340	Residue analytical method	00071615	SYNGENTA	OWN	
860.1340	Residue analytical method	00071616	SYNGENTA	OWN	
860.1340	Residue analytical method	00071672	SYNGENTA	OWN	
860.1340	Residue analytical method	00071673	SYNGENTA	OWN	
860.1340	Residue analytical method	00071674	SYNGENTA	OWN	
860.1340	Residue analytical method	00071676	SYNGENTA	OWN	
860.1340	Residue analytical method	00079433	SYNGENTA	OWN	
860.1340	Residue analytical method	00097511	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	00098428	SYNGENTA	OWN	
860.1340	Residue analytical method	00104656	SYNGENTA	OWN	
860.1340	Residue analytical method	00109402	SYNGENTA	OWN	
860.1340	Residue analytical method	00109472	SYNGENTA	OWN	
860.1340	Residue analytical method	00114377	SYNGENTA	OWN	
860.1340	Residue analytical method	00114378	SYNGENTA	OWN	
860.1340	Residue analytical method	00117969	SYNGENTA	OWN	
860.1340	Residue analytical method	00126315	SYNGENTA	OWN	
860.1340	Residue analytical method	00127769	SYNGENTA	OWN	
860.1340	Residue analytical method	00128738	SYNGENTA	OWN	
860.1340	Residue analytical method	00129003	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	00130693	SYNGENTA	OWN	
860.1340	Residue analytical method	00130694	SYNGENTA	OWN	
860.1340	Residue analytical method	00130773	SYNGENTA	OWN	
860.1340	Residue analytical method	00133020	SYNGENTA	OWN	
860.1340	Residue analytical method	00138818	SYNGENTA	OWN	
860.1340	Residue analytical method	00141519	SYNGENTA	OWN	
860.1340	Residue analytical method	00154446	SYNGENTA	OWN	
860.1340	Residue analytical method	00155845	SYNGENTA	OWN	
860.1340	Residue analytical method	00157480	SYNGENTA	OWN	
860.1340	Residue analytical method	00164649	SYNGENTA	OWN	
860.1340	Residue analytical method	00164650	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	00164651	SYNGENTA	OWN	
860.1340	Residue analytical method	40106601	SYNGENTA	OWN	
860.1340	Residue analytical method	40569301	SYNGENTA	OWN	
860.1340	Residue analytical method	40569303	SYNGENTA	OWN	
860.1340	Residue analytical method	40746901	SYNGENTA	OWN	
860.1340	Residue analytical method	40775801	SYNGENTA	OWN	
860.1340	Residue analytical method	40790201	SYNGENTA	OWN	
860.1340	Residue analytical method	40832901	SYNGENTA	OWN	
860.1340	Residue analytical method	40838301	SYNGENTA	OWN	
860.1340	Residue analytical method	40909401	SYNGENTA	OWN	
860.1340	Residue analytical method	41150101	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	41587801	SYNGENTA	OWN	
860.1340	Residue analytical method	41636201	SYNGENTA	OWN	
860.1340	Residue analytical method	41688901	IR-4	PER	
860.1340	Residue analytical method	41689701	SYNGENTA	OWN	
860.1340	Residue analytical method	41689702	SYNGENTA	OWN	
860.1340	Residue analytical method	41870301	SYNGENTA	OWN	
860.1340	Residue analytical method	41870302	SYNGENTA	OWN	
860.1340	Residue analytical method	41870303	SYNGENTA	OWN	
860.1340	Residue analytical method	41870304	SYNGENTA	OWN	
860.1340	Residue analytical method	41870305	SYNGENTA	OWN	
860.1340	Residue analytical method	41870306	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	41870307	SYNGENTA	OWN	
860.1340	Residue analytical method	41996401	IR-4	PER	
860.1340	Residue analytical method	42233501	SYNGENTA	OWN	
860.1340	Residue analytical method	42350101	IR-4	PER	
860.1340	Residue analytical method	42919401	SYNGENTA	OWN	
860.1340	Residue analytical method	43896902	SYNGENTA	OWN	
860.1340	Residue analytical method	43896903	SYNGENTA	OWN	
860.1340	Residue analytical method	43896905	SYNGENTA	OWN	
860.1340	Residue analytical method	43961901	SYNGENTA	OWN	
860.1340	Residue analytical method	44185709	SYNGENTA	OWN	
860.1340	Residue analytical method	44316101	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	44316102	SYNGENTA	OWN	
860.1340	Residue analytical method	44617001	SYNGENTA	OWN	
860.1340	Residue analytical method	44703528	SYNGENTA	OWN	
860.1340	Residue analytical method	44847601	IR-4	PER	
860.1340	Residue analytical method	44847602	IR-4	PER	
860.1340	Residue analytical method	44850301	SYNGENTA	OWN	
860.1340	Residue analytical method	44941601	IR-4	PER	
860.1340	Residue analytical method	45215901	SYNGENTA	OWN	
860.1340	Residue analytical method	45508401	SYNGENTA	OWN	
860.1340	Residue analytical method	45613901	SYNGENTA	OWN	
860.1340	Residue analytical method	45618201	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	46714704	SYNGENTA	OWN	
860.1340	Residue analytical method	46714705	SYNGENTA	OWN	
860.1340	Residue analytical method	46714706	SYNGENTA	OWN	
860.1380	Storage stability data	44316101	SYNGENTA	OWN	
860.1380	Storage stability data	44316102	SYNGENTA	OWN	
860.1380	Storage stability data	46714707	SYNGENTA	OWN	
860.1500	Crop field trials	43896902	SYNGENTA	OWN	
860.1500	Crop field trials	43896903	SYNGENTA	OWN	
860.1500	Crop field trials	43896904	SYNGENTA	OWN	
860.1500	Crop field trials	43896905	SYNGENTA	OWN	
860.1500	Crop field trials	44703528	SYNGENTA	OWN	

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Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1500	Crop field trials	45613901	SYNGENTA	OWN	
860.1500	Crop field trials	46714701	SYNGENTA	OWN	
860.1500	Crop field trials	46714702	SYNGENTA	OWN	
860.1500	Crop field trials	46714703	SYNGENTA	OWN	
860.1500	Crop field trials	47493301	SYNGENTA	OWN	
860.1520	Processed food/feed	44703528	SYNGENTA	OWN	
860.1520	Processed food/feed	45613901	SYNGENTA	OWN	
860.1850	Confined accumulation in rotational crops	42196501	SYNGENTA	OWN	
860.1850	Confined accumulation in rotational crops	42196502	SYNGENTA	OWN	
860.1850	Confined accumulation in rotational crops	42196503	SYNGENTA	OWN	
860.1850	Confined accumulation in rotational crops	43317302	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1900	Field accumulation in rotational crops	41870308	SYNGENTA	OWN	
850.1010	Aquatic invertibrate acute toxicity test, freshwater dap	00063986	SYNGENTA	OWN	
850.1010	Aquatic invertibrate acute toxicity test, freshwater dap	00071306	SYNGENTA	OWN	
850.1010	Aquatic invertibrate acute toxicity test, freshwater dap	00100448	SYNGENTA	OWN	
850.1010	Aquatic invertibrate acute toxicity test, freshwater dap	43875305	SYNGENTA	OWN	
850.1025	Oyster acute toxicity test (shell deposition)	41288101	SYNGENTA	OWN	
850.1025	Oyster acute toxicity test (shell deposition)	41288103	SYNGENTA	OWN	
850.1025	Oyster acute toxicity test (shell deposition)	41288104	SYNGENTA	OWN	
850.1025	Oyster acute toxicity test (shell deposition)	43875306	SYNGENTA	OWN	
850.1035	Mysid acute toxicity test	41288101	SYNGENTA	OWN	
850.1035	Mysid acute toxicity test	41288103	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.1035	Mysid acute toxicity test	41288104	SYNGENTA	OWN	
850.1035	Mysid acute toxicity test	43875306	SYNGENTA	OWN	
850.1045	Penaeid acute toxicity test	41288101	SYNGENTA	OWN	
850.1045	Penaeid acute toxicity test	41288103	SYNGENTA	OWN	
850.1045	Penaeid acute toxicity test	41288104	SYNGENTA	OWN	
850.1045	Penaeid acute toxicity test	43875306	SYNGENTA	OWN	
850.1055	Bivalve acute toxicity test (embryo larval)	41288101	SYNGENTA	OWN	
850.1055	Bivalve acute toxicity test (embryo larval)	41288103	SYNGENTA	OWN	
850.1055	Bivalve acute toxicity test (embryo larval)	41288104	SYNGENTA	OWN	
850.1055	Bivalve acute toxicity test (embryo larval)	43875306	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	00071302	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741		Product: Mefenoxam Technical			
Ingredient: Mefenoxam					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.1075	Fish acute toxicity test, freshwater and marine	00071303	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	00100446	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	00100447	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	41288101	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	41288103	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	41288104	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	43875304	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	43875306	SYNGENTA	OWN	
850.1300	Daphnid chronic toxicity test	00071307	SYNGENTA	OWN	
850.1300	Daphnid chronic toxicity test	00071308	SYNGENTA	OWN	
850.1350	Mysid chronic toxicity test	00071307	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.1350	Mysid chronic toxicity test	00071308	SYNGENTA	OWN	
850.1400	Fish early-life stage toxicity test	00071307	SYNGENTA	OWN	
850.1400	Fish early-life stage toxicity test	00071308	SYNGENTA	OWN	
850.1730	Accumulation in fish -- waiver	00100468	SYNGENTA	OWN	
850.2100	Avian acute oral toxicity test	00077334	SYNGENTA	OWN	
850.2100	Avian acute oral toxicity test	43875302	SYNGENTA	OWN	
850.2200	Avian dietary toxicity test	00063988	SYNGENTA	OWN	
850.2200	Avian dietary toxicity test	00063989	SYNGENTA	OWN	
850.2200	Avian dietary toxicity test	00077335	SYNGENTA	OWN	
850.2200	Avian dietary toxicity test	43875303	SYNGENTA	OWN	
850.2300	Avian reproduction test	44720901	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Mefenoxam Technical

Ingredient: Mefenoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.2300	Avian reproduction test	44720902	SYNGENTA	OWN	

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Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Syngenta Crop Protection, PO Box 18300, Greensboro, NC 27419	EPA Registration Number/File Symbol 100-936
Active Ingredient(s) and/or representative test compound(s) Thiamethoxam	Date Change date below July 13, 2012
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Uses	Product Name THIAMETHOXAM TECHNICAL

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-in Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application to the extent required by FIFRA.

SECTION III: CERTIFICATION

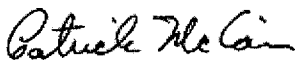
I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date 7-13-2012	Typed or Printed Name and Title Patrick McCain, Senior Regulatory Product Manager Seed Care
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EPA Form 8570-34 (9-97) Electronic and Paper versions available. Submit only Paper version.



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DATA MATRIX

Date: 7/13/2012

Reg. No: 100-936

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
Cite-All	Cite-All	Cite-All (AHE	AGRICULTURAL HAN	PER	
Cite-All	Cite-All	Cite-All (ART	AGRICULTURAL REE	PER	
Cite-All	Cite-All	Cite-All (FES	FIFRA ENDANGERED	PER	
Cite-All	Cite-All	Cite-All (ORE	OUTDOOR RESIDENT	PER	
Cite-All	Cite-All	Cite-All (REJ	RESIDENTIAL EXPOS	PER	
Cite-All	Cite-All	Cite-All (SDT	SPRAY DRIFT TF	PER	
830 Group A	Product identity and composition, Analysis and certifi	44703304	SYNGENTA	OWN	
830 Group A	Product identity and composition, Analysis and certifi	44862301	SYNGENTA	OWN	
830 Group A	Product identity and composition, Analysis and certifi	46030901	SYNGENTA	OWN	
830 Group B	Group B -- Physical/Chemical Properties	44703305	SYNGENTA	OWN	
830.1550	Product identity and composition	47914901	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.1600	Description of materials used to produce the product	47914901	SYNGENTA	OWN	
830.1620	Description of production process	47914901	SYNGENTA	OWN	
830.1670	Discussion of formation of impurities	47914901	SYNGENTA	OWN	
830.1700	Preliminary analysis	47436501	SYNGENTA	OWN	
830.1700	Preliminary analysis	47914901	SYNGENTA	OWN	
830.1750	Certified limits	47914901	SYNGENTA	OWN	
830.1800	Enforcement analytical method	47914901	SYNGENTA	OWN	
830.6302	Color	47914902	SYNGENTA	OWN	
830.6303	Physical state	47914902	SYNGENTA	OWN	
830.6304	Odor	47914902	SYNGENTA	OWN	
830.6313	Stability to normal and elevated temperatures, metals,	47914902	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741		Product: THIAMETHOXAM TECHNICAL			
Ingredient: Thiamethoxam					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.6314	Oxidation/reduction: chemical incompatibility	47914902	SYNGENTA	OWN	
830.6315	Flammability	47914902	SYNGENTA	OWN	
830.6316	Explosibility	47914902	SYNGENTA	OWN	
830.6317	Storage Stability	47914902	SYNGENTA	OWN	
830.6319	Miscibility	47914902	SYNGENTA	OWN	
830.6320	Corrosion characteristics	47914902	SYNGENTA	OWN	
830.6321	Dielectric breakdown voltage	47914902	SYNGENTA	OWN	
830.7000	pH	47914902	SYNGENTA	OWN	
830.7050	UV/Visible absorption	47914902	SYNGENTA	OWN	
830.7100	Viscosity	47914902	SYNGENTA	OWN	
830.7200	Melting point/melting range	47914902	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.7220	Boiling point/boiling range	47914902	SYNGENTA	OWN	
830.7300	Density/relative density/bulk density	47914902	SYNGENTA	OWN	
830.7370	Dissociation constants in water	47914902	SYNGENTA	OWN	
830.7550	Partition coefficient (n-octanol/water), shake flask met	47914902	SYNGENTA	OWN	
830.7840	Water solubility: column elution method, shake flask	47914902	SYNGENTA	OWN	
830.7950	Water solubility, Vapor pressure	47914902	SYNGENTA	OWN	
870.1100	Acute oral toxicity	44703314	SYNGENTA	OWN	
870.1100	Acute oral toxicity	44703315	SYNGENTA	OWN	
870.1100	Acute oral toxicity	44727504	SYNGENTA	OWN	
870.1200	Acute dermal toxicity	44703316	SYNGENTA	OWN	
870.1300	Acute inhalation toxicity	44703317	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.2400	Acute eye irritation	44703318	SYNGENTA	OWN	
870.2500	Acute dermal irritation	44703319	SYNGENTA	OWN	
870.2600	Skin sensitization	44710401	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	44703322	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	44703323	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	44703324	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	44703325	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	44718701	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	44718702	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	44718703	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	44703322	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.3150	Subchronic nonrodent oral toxicity - 90-day	44703323	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	44703324	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	44718701	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	44718702	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	44718703	SYNGENTA	OWN	
870.3200	Repeated dose dermal toxicity - 21/28 day	44710402	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	44703327	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	44703328	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	44703329	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	44703330	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	44718705	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.3700	Prenatal developmental toxicity study	44718706	SYNGENTA	OWN	
870.3800	Reproduction and fertility effects	44703401	SYNGENTA	OWN	
870.3800	Reproduction and fertility effects	44703402	SYNGENTA	OWN	
870.3800	Reproduction and fertility effects	44718707	SYNGENTA	OWN	
870.3800	Reproduction and fertility effects	44939803	SYNGENTA	OWN	
870.4100	Chronic toxicity	44718704	SYNGENTA	OWN	
870.4100	Chronic toxicity	44718708	SYNGENTA	OWN	
870.4200	Carcinogenicity	44703326	SYNGENTA	OWN	
870.4200	Carcinogenicity	44718708	SYNGENTA	OWN	
870.4200	Carcinogenicity	44988301	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161501	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.4200	Carcinogenicity	46161502	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161503	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161504	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161505	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161506	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161507	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161508	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161509	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161510	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161511	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161512	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.4200	Carcinogenicity	46161513	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161514	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161515	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161516	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161517	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161518	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161519	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161520	SYNGENTA	OWN	
870.4200	Carcinogenicity	46161521	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	44703405	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	44703406	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.5000	Genetic Toxicity tests	44710403	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	44710405	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	44710406	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	44710407	SYNGENTA	OWN	
870.5000	Genetic Toxicity tests	44968301	SYNGENTA	OWN	
870.6100	Acute and 28-day delayed neurotoxicity of organopho	44703320	SYNGENTA	OWN	
870.6200	Neurotoxicity screening battery	44925201	SYNGENTA	OWN	
870.6300	Developmental neurotoxicity study	46919401	SYNGENTA	OWN	
870.6300	Developmental neurotoxicity study	47034201	SYNGENTA	OWN	
870.7200	Domestic animal safety	44715128	SYNGENTA	OWN	
870.7200	Domestic animal safety	44715129	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.7200	Domestic animal safety	44727507	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	44703532	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	44703533	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	44710408	SYNGENTA	OWN	
870.7600	Dermal penetration	45200001	SYNGENTA	OWN	
870.7800	Immunotoxicity	48547101	SYNGENTA	OWN	
810.1000	Product Performance. Overview, Definitions and Gen	48110201	SYNGENTA	OWN	
810.3000	General Considerations for Efficacy of Invertebrate C	48110201	SYNGENTA	OWN	
810.3300	Treatments to Control Pests of Humans and Pets	44715119	SYNGENTA	OWN	
810.3300	Treatments to Control Pests of Humans and Pets	44715120	SYNGENTA	OWN	
810.3300	Treatments to Control Pests of Humans and Pets	44715121	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.4400	Aquatic plant toxicity test using Lemna spp. Tiers I an	44714925	SYNGENTA	OWN	
850.4400	Aquatic plant toxicity test using Lemna spp. Tiers I an	44714926	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	44714925	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	44714926	SYNGENTA	OWN	
875 Group A	Applicator Exposure Monitoring Test Guidelines	44715118	SYNGENTA	OWN	
875 Group B	Postapplication Exposure Monitoring Test Guidelines	44715118	SYNGENTA	OWN	
875.1200	Dermal exposure -- indoor	44715130	SYNGENTA	OWN	
875.1200	Dermal exposure -- indoor	44715131	SYNGENTA	OWN	
875.1200	Dermal exposure -- indoor	44715132	SYNGENTA	OWN	
875.2100	Foliar dislodgeable residue dissipation	44715131	SYNGENTA	OWN	
875.2100	Foliar dislodgeable residue dissipation	44715133	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741		Product: THIAMETHOXAM TECHNICAL			
Ingredient: Thiamethoxam					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
875.2200	Soil residue dissipation	44715131	SYNGENTA	OWN	
875.2200	Soil residue dissipation	44715133	SYNGENTA	OWN	
875.2400	Dermal exposure	44715130	SYNGENTA	OWN	
875.2400	Dermal exposure	45200002	SYNGENTA	OWN	
875.2400	Dermal exposure	45200004	SYNGENTA	OWN	
875.2400	Dermal exposure	45243001	SYNGENTA	OWN	
875.2600	Biological Monitoring	45200002	SYNGENTA	OWN	
875.2600	Biological Monitoring	45243001	SYNGENTA	OWN	
850.3020	Honey bee acute contact toxicity	44714927	SYNGENTA	OWN	
850.3030	Honey bee toxicity of residues on foliage	44727501	SYNGENTA	OWN	
850.3040	Field testing for pollinators	48584701	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
161-1	Hydrolysis - laboratory	44703416	SYNGENTA	OWN	
161-1	Hydrolysis - laboratory	44703417	SYNGENTA	OWN	
161-2	Photodegradation in water - laboratory	44715024	SYNGENTA	OWN	
161-2	Photodegradation in water - laboratory	44715025	SYNGENTA	OWN	
161-2	Photodegradation in water - laboratory	44715026	SYNGENTA	OWN	
161-3	Photodegradation in soil - laboratory	44715027	SYNGENTA	OWN	
161-3	Photodegradation in soil - laboratory	44715028	SYNGENTA	OWN	
162-1	Aerobic Soil metabolism	44703418	SYNGENTA	OWN	
162-1	Aerobic Soil metabolism	44703419	SYNGENTA	OWN	
162-1	Aerobic Soil metabolism	44703501	SYNGENTA	OWN	
162-3	Anaerobic Aquatic Metabolism	44715029	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
162-3	Anaerobic Aquatic Metabolism	44715030	SYNGENTA	OWN	
162-3	Anaerobic Aquatic Metabolism	44715031	SYNGENTA	OWN	
162-4	Aerobic Aquatic Metabolism	44715032	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	44703502	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	44703503	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	44715033	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	44715034	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	45084901	SYNGENTA	OWN	
163-1B	Leaching/Adsorption/Desorption	45640401	SYNGENTA	OWN	
164 Series	Discussion of field dissipation	45640405	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44703504	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
164-1	Soil dissipation -- field	44703505	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44727505	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44727506	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44975401	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44975402	SYNGENTA	OWN	
164-1	Soil dissipation -- field	44975403	SYNGENTA	OWN	
164-1	Soil dissipation -- field	45086201	SYNGENTA	OWN	
164-1	Soil dissipation -- field	45640402	SYNGENTA	OWN	
164-2	Aquatic field dissipation	47558101	SYNGENTA	OWN	
164-2	Aquatic field dissipation	47558102	SYNGENTA	OWN	
164-2	Aquatic field dissipation	47558103	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
164-2	Aquatic field dissipation	47558104	SYNGENTA	OWN	
166 Series	Discussion Of Ground Water Studies	45640404	SYNGENTA	OWN	
166-1	Small Scale Prespective Groundwater Monitoring Stu	47379701	SYNGENTA	OWN	
860.1000	Background	44703527	SYNGENTA	OWN	
860.1000	Background	44703528	SYNGENTA	OWN	
860.1000	Background	44703529	SYNGENTA	OWN	
860.1000	Background	47515702	SYNGENTA	OWN	
860.1000	Background	48758101	SYNGENTA	OWN	
860.1340	Residue analytical method	48758102	Submitter Name Unkn	OWN	
860.1500	Crop field trials	44703527	SYNGENTA	OWN	
860.1500	Crop field trials	44703528	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1500	Crop field trials	44703529	SYNGENTA	OWN	
860.1500	Crop field trials	47515702	SYNGENTA	OWN	
860.1500	Crop field trials	48758101	SYNGENTA	OWN	
860.1500	Crop field trials	48758103	SYNGENTA	OWN	
860.1500	Crop field trials	48758104	SYNGENTA	OWN	
860.1520	Processed food/feed	44703527	SYNGENTA	OWN	
860.1520	Processed food/feed	44703528	SYNGENTA	OWN	
860.1520	Processed food/feed	44703529	SYNGENTA	OWN	
860.1520	Processed food/feed	47515702	SYNGENTA	OWN	
860.1520	Processed food/feed	48758101	SYNGENTA	OWN	
860.1900	Field accumulation in rotational crops	45659201	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.1010	Aquatic invertigrate acute toxicity test, freshwater dap	44714918	SYNGENTA	OWN	
850.1010	Aquatic invertigrate acute toxicity test, freshwater dap	44714919	SYNGENTA	OWN	
850.1010	Aquatic invertigrate acute toxicity test, freshwater dap	44714928	SYNGENTA	OWN	
850.1035	Mysid acute toxicity test	44714922	SYNGENTA	OWN	
850.1055	Bivalve acute toxicity test (embryo larval)	44714921	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	44714916	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	44714917	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	44714920	SYNGENTA	OWN	
850.1300	Daphnid chronic toxicity test	44714924	SYNGENTA	OWN	
850.1300	Daphnid chronic toxicity test	45500001	SYNGENTA	OWN	
850.1400	Fish early-life stage toxicity test	44714923	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: THIAMETHOXAM TECHNICAL

Ingredient: Thiamethoxam

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.1735	Whole sediment acute toxicity invertebrates, freshwat	44714928	SYNGENTA	OWN	
850.2100	Avian acute oral toxicity test	44703307	SYNGENTA	OWN	
850.2100	Avian acute oral toxicity test	44703308	SYNGENTA	OWN	
850.2200	Avian dietary toxicity test	44703309	SYNGENTA	OWN	
850.2200	Avian dietary toxicity test	44703310	SYNGENTA	OWN	
850.2300	Avian reproduction test	44703311	SYNGENTA	OWN	
850.2300	Avian reproduction test	44703312	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012


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Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Syngenta Crop Protection, PO Box 18300, Greensboro, NC 27419	EPA Registration Number/File Symbol 100-1381
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Active Ingredient(s) and/or representative test compound(s) Sedaxane	Date July 13, 2012
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General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Food/Non Food Uses,	Product Name Sedaxane Technical
--	---

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-in Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

<input type="checkbox"/> I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).	<input checked="" type="checkbox"/> I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).
--	---

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature <i>Patrick McCain</i>	Date 7-13-2012	Typed or Printed Name and Title PATRICK MCCAIN Senior Regulatory Product Manager
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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.1400	Fish early-life stage toxicity test	47473480	SYNGENTA	OWN	
850.1500	Fish life cycle toxicity	47473428	SYNGENTA	OWN	
850.1730	Accumulation in fish -- waiver	47473481	SYNGENTA	OWN	
850.2100	Avian acute oral toxicity test	47473469	SYNGENTA	OWN	
850.2100	Avian acute oral toxicity test	47473470	SYNGENTA	OWN	
850.2100	Avian acute oral toxicity test	47473471	SYNGENTA	OWN	
850.2200	Avian dietary toxicity test	47473472	SYNGENTA	OWN	
850.2200	Avian dietary toxicity test	47473473	SYNGENTA	OWN	
850.2300	Avian reproduction test	47473474	SYNGENTA	OWN	
850.2300	Avian reproduction test	47473475	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.1000	Speical consideration for conducting aquatic laborator	47473428	SYNGENTA	OWN	
850.1010	Aquatic invertibrate acute toxicity test, freshwater dap	47473482	SYNGENTA	OWN	
850.1010	Aquatic invertibrate acute toxicity test, freshwater dap	47473483	SYNGENTA	OWN	
850.1025	Oyster acute toxicity test (shell deposition)	47473501	SYNGENTA	OWN	
850.1035	Mysid acute toxicity test	47473499	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	47473476	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	47473477	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	47473478	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	47473479	SYNGENTA	OWN	
850.1075	Fish acute toxicity test, freshwater and marine	47473498	SYNGENTA	OWN	
850.1300	Daphnid chronic toxicity test	47473486	SYNGENTA	OWN	

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Ingredient: Sedaxane					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1500	Crop field trials	47473436	SYNGENTA	OWN	
860.1500	Crop field trials	47473439	SYNGENTA	OWN	
860.1500	Crop field trials	47919743	SYNGENTA	OWN	
860.1500	Crop field trials	47919744	SYNGENTA	OWN	
860.1520	Processed food/feed	47473425	SYNGENTA	OWN	
860.1520	Processed food/feed	47473429	SYNGENTA	OWN	
860.1520	Processed food/feed	47473434	SYNGENTA	OWN	
860.1520	Processed food/feed	47473435	SYNGENTA	OWN	
860.1850	Confined accumulation in rotational crops	47473440	SYNGENTA	OWN	
860.1850	Confined accumulation in rotational crops	47473441	SYNGENTA	OWN	
860.1900	Field accumulation in rotational crops	47473442	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1500	Crop field trials	47473421	SYNGENTA	OWN	
860.1500	Crop field trials	47473422	SYNGENTA	OWN	
860.1500	Crop field trials	47473423	SYNGENTA	OWN	
860.1500	Crop field trials	47473424	SYNGENTA	OWN	
860.1500	Crop field trials	47473425	SYNGENTA	OWN	
860.1500	Crop field trials	47473426	SYNGENTA	OWN	
860.1500	Crop field trials	47473429	SYNGENTA	OWN	
860.1500	Crop field trials	47473430	SYNGENTA	OWN	
860.1500	Crop field trials	47473433	SYNGENTA	OWN	
860.1500	Crop field trials	47473434	SYNGENTA	OWN	
860.1500	Crop field trials	47473435	SYNGENTA	OWN	

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Ingredient: Sedaxane					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1380	Storage stability data	47473409	SYNGENTA	OWN	
860.1380	Storage stability data	47473410	SYNGENTA	OWN	
860.1380	Storage stability data	47473411	SYNGENTA	OWN	
860.1380	Storage stability data	47473460	SYNGENTA	OWN	
860.1380	Storage stability data	48583501	SYNGENTA	OWN	
860.1380	Storage stability data	48583502	SYNGENTA	OWN	
860.1480	Meat/milk/poultry/eggs	47473437	SYNGENTA	OWN	
860.1500	Crop field trials	47473330	SYNGENTA	OWN	
860.1500	Crop field trials	47473361	SYNGENTA	OWN	
860.1500	Crop field trials	47473419	SYNGENTA	OWN	
860.1500	Crop field trials	47473420	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	47473352	SYNGENTA	OWN	
860.1340	Residue analytical method	47473353	SYNGENTA	OWN	
860.1340	Residue analytical method	47473354	SYNGENTA	OWN	
860.1340	Residue analytical method	47473402	SYNGENTA	OWN	
860.1340	Residue analytical method	47473403	SYNGENTA	OWN	
860.1340	Residue analytical method	47473411	SYNGENTA	OWN	
860.1340	Residue analytical method	48180401	SYNGENTA	OWN	
860.1360	Multiresidue method	47473341	SYNGENTA	OWN	
860.1360	Multiresidue method	47473353	SYNGENTA	OWN	
860.1360	Multiresidue method	48180401	SYNGENTA	OWN	
860.1380	Storage stability data	47473408	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	47473341	SYNGENTA	OWN	
860.1340	Residue analytical method	47473342	SYNGENTA	OWN	
860.1340	Residue analytical method	47473343	SYNGENTA	OWN	
860.1340	Residue analytical method	47473344	SYNGENTA	OWN	
860.1340	Residue analytical method	47473345	SYNGENTA	OWN	
860.1340	Residue analytical method	47473346	SYNGENTA	OWN	
860.1340	Residue analytical method	47473347	SYNGENTA	OWN	
860.1340	Residue analytical method	47473348	SYNGENTA	OWN	
860.1340	Residue analytical method	47473349	SYNGENTA	OWN	
860.1340	Residue analytical method	47473350	SYNGENTA	OWN	
860.1340	Residue analytical method	47473351	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1340	Residue analytical method	47473324	SYNGENTA	OWN	
860.1340	Residue analytical method	47473331	SYNGENTA	OWN	
860.1340	Residue analytical method	47473332	SYNGENTA	OWN	
860.1340	Residue analytical method	47473333	SYNGENTA	OWN	
860.1340	Residue analytical method	47473334	SYNGENTA	OWN	
860.1340	Residue analytical method	47473335	SYNGENTA	OWN	
860.1340	Residue analytical method	47473336	SYNGENTA	OWN	
860.1340	Residue analytical method	47473337	SYNGENTA	OWN	
860.1340	Residue analytical method	47473338	SYNGENTA	OWN	
860.1340	Residue analytical method	47473339	SYNGENTA	OWN	
860.1340	Residue analytical method	47473340	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
860.1300	Nature of the residue -- plants, livestock	47473387	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	47473412	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	47473413	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	47473414	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	47473415	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	47473416	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	47473417	SYNGENTA	OWN	
860.1300	Nature of the residue -- plants, livestock	47473418	SYNGENTA	OWN	
860.1340	Residue analytical method	47473321	SYNGENTA	OWN	
860.1340	Residue analytical method	47473322	SYNGENTA	OWN	
860.1340	Residue analytical method	47473323	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
835.6100	Terrestrial Dissipation	47473503	SYNGENTA	OWN	
860.1000	Background	47473425	SYNGENTA	OWN	
860.1000	Background	47473426	SYNGENTA	OWN	
860.1000	Background	47473429	SYNGENTA	OWN	
860.1000	Background	47473430	SYNGENTA	OWN	
860.1000	Background	47473434	SYNGENTA	OWN	
860.1000	Background	47473435	SYNGENTA	OWN	
860.1000	Background	47473436	SYNGENTA	OWN	
860.1000	Background	47473442	SYNGENTA	OWN	
860.1000	Background	47919743	SYNGENTA	OWN	
860.1000	Background	47919744	SYNGENTA	OWN	

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Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
835.2240	Photodegradation in water	47473326	SYNGENTA	OWN	
835.2370	Photodegradation in air	47473326	SYNGENTA	OWN	
835.2370	Photodegradation in air	47473508	SYNGENTA	OWN	
835.3110	Ready biodegradability	47473467	SYNGENTA	OWN	
835.4100	Aerobic Soil Metabolism (laboratory)	47473448	SYNGENTA	OWN	
835.4100	Aerobic Soil Metabolism (laboratory)	47473449	SYNGENTA	OWN	
835.4100	Aerobic Soil Metabolism (laboratory)	47473451	SYNGENTA	OWN	
835.4100	Aerobic Soil Metabolism (laboratory)	47473456	SYNGENTA	OWN	
835.4200	Anaerobic Soil Metabolism (laboratory)	47473443	SYNGENTA	OWN	
835.6100	Terrestrial Dissipation	47473454	SYNGENTA	OWN	
835.6100	Terrestrial Dissipation	47473455	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
163-1	Leaching and adsorption/desorption -- laboratory	47473461	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	47473463	SYNGENTA	OWN	
164-1	Soil dissipation -- field	47473457	SYNGENTA	OWN	
164-1	Soil dissipation -- field	47473458	SYNGENTA	OWN	
164-1	Soil dissipation -- field	47473459	SYNGENTA	OWN	
164-1	Soil dissipation -- field	48372501	SYNGENTA	OWN	
164-1	Soil dissipation -- field	48600801	SYNGENTA	OWN	
835.1230	Leaching and adsorption/desorption	47473462	SYNGENTA	OWN	
835.1240	Leaching and adsorption/desorption	47473466	SYNGENTA	OWN	
835.2120	Hydrolysis	47473326	SYNGENTA	OWN	
835.2210	Direct photolysis rate in water by sunlight	47473326	SYNGENTA	OWN	

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Ingredient: Sedaxane					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.3020	Honey bee acute contact toxicity	47473492	SYNGENTA	OWN	
161-1	Hydrolysis - laboratory	47473318	SYNGENTA	OWN	
161-2	Photodegradation in water - laboratory	47473319	SYNGENTA	OWN	
161-3	Photodegradation in soil - laboratory	47473446	SYNGENTA	OWN	
161-3	Photodegradation in soil - laboratory	47473447	SYNGENTA	OWN	
162-1	Aeroic Soil metabolism	47473444	SYNGENTA	OWN	
162-1	Aeroic Soil metabolism	47473445	SYNGENTA	OWN	
162-1	Aeroic Soil metabolism	47473448	SYNGENTA	OWN	
162-3	Anaerobic Aquatic Metabolism	47473468	SYNGENTA	OWN	
162-4	Aerobic Aquatic Metabolism	47473468	SYNGENTA	OWN	
163-1	Leaching and adsorption/desorption -- laboratory	47473452	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
850.7100	Data reporting for environmental chemistry methods	47473306	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473342	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473343	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473344	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473345	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473346	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473347	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473348	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473349	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473402	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473403	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.7800	Immunotoxicity	47473405	SYNGENTA	OWN	
870.7800	Immunotoxicity	48696701	SYNGENTA	OWN	
850.4100	Terrestrial plant toxicity, Tier I (seedling emergence)	47473504	SYNGENTA	OWN	
850.4400	Aquatic plant toxicity test using Lemna spp. Tiers I and II	47473491	SYNGENTA	OWN	
850.5100	Soil microbial community toxicity test	47473506	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	47473487	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	47473488	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	47473489	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	47473490	SYNGENTA	OWN	
850.5400	Algal toxicity, Tiers 1 and 2	47473502	SYNGENTA	OWN	
850.7100	Data reporting for environmental chemistry methods	47473305	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.6200	Neurotoxicity screening battery	47473398	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	47473355	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	47473356	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	47473357	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	47473358	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	47473359	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	47473360	SYNGENTA	OWN	
870.7485	Metabolism and pharmacokinetics	47473362	SYNGENTA	OWN	
870.7600	Dermal penetration	47473632	SYNGENTA	OWN	
870.7600	Dermal penetration	47473633	SYNGENTA	OWN	
870.7600	Dermal penetration	47473634	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.5100	Bacterial reverse mutation test	47473407	SYNGENTA	OWN	
870.5100	Bacterial reverse mutation test	47746852	SYNGENTA	OWN	
870.5300	In vitro mammalian cell gene mutation test	47473383	SYNGENTA	OWN	
870.5300	In vitro mammalian cell gene mutation test	47746856	SYNGENTA	OWN	
870.5375	In vitro mammalian chromosome aberration test	47473382	SYNGENTA	OWN	
870.5375	In vitro mammalian chromosome aberration test	47746860	SYNGENTA	OWN	
870.5395	Mammalian erythrocyte micronucleus test	47473384	SYNGENTA	OWN	
870.5550	Unscheduled DNA synthesis in mammalian cells in cu	47473385	SYNGENTA	OWN	
870.6200	Neurotoxicity screening battery	47473395	SYNGENTA	OWN	
870.6200	Neurotoxicity screening battery	47473396	SYNGENTA	OWN	
870.6200	Neurotoxicity screening battery	47473397	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.3700	Prenatal developmental toxicity study	47473393	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	47473394	SYNGENTA	OWN	
870.3800	Reproduction and fertility effects	47473389	SYNGENTA	OWN	
870.3800	Reproduction and fertility effects	47473390	SYNGENTA	OWN	
870.4100	Chronic toxicity	47473379	SYNGENTA	OWN	
870.4200	Carcinogenicity	47473388	SYNGENTA	OWN	
870.4300	Combined chronic toxicity/carcinogenicity	47473386	SYNGENTA	OWN	
870.5100	Bacterial reverse mutation test	47473381	SYNGENTA	OWN	
870.5100	Bacterial reverse mutation test	47473401	SYNGENTA	OWN	
870.5100	Bacterial reverse mutation test	47473404	SYNGENTA	OWN	
870.5100	Bacterial reverse mutation test	47473406	SYNGENTA	OWN	

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Ingredient: Sedaxane					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.2600	Skin sensitization	47919814	SYNGENTA	OWN	
870.3050	Repeated Dose 28 Day Oral Toxicity Study in Rodent	47473373	SYNGENTA	OWN	
870.3050	Repeated Dose 28 Day Oral Toxicity Study in Rodent	47746827	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	47473375	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	47473376	SYNGENTA	OWN	
870.3100	90-Day oral toxicity	47473377	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	47473374	SYNGENTA	OWN	
870.3150	Subchronic nonrodent oral toxicity - 90-day	47473378	SYNGENTA	OWN	
870.3200	Repeated dose dermal toxicity - 21/28 day	47473380	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	47473391	SYNGENTA	OWN	
870.3700	Prenatal developmental toxicity study	47473392	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.2400	Acute eye irritation	47473370	SYNGENTA	OWN	
870.2400	Acute eye irritation	47473630	SYNGENTA	OWN	
870.2400	Acute eye irritation	47919740	SYNGENTA	OWN	
870.2400	Acute eye irritation	47919813	SYNGENTA	OWN	
870.2500	Acute dermal irritation	47473369	SYNGENTA	OWN	
870.2500	Acute dermal irritation	47473629	SYNGENTA	OWN	
870.2500	Acute dermal irritation	47919739	SYNGENTA	OWN	
870.2500	Acute dermal irritation	47919812	SYNGENTA	OWN	
870.2600	Skin sensitization	47473371	SYNGENTA	OWN	
870.2600	Skin sensitization	47473631	SYNGENTA	OWN	
870.2600	Skin sensitization	47919741	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
870.1100	Acute oral toxicity	47746821	SYNGENTA	OWN	
870.1100	Acute oral toxicity	47919736	SYNGENTA	OWN	
870.1100	Acute oral toxicity	47919809	SYNGENTA	OWN	
870.1200	Acute dermal toxicity	47473367	SYNGENTA	OWN	
870.1200	Acute dermal toxicity	47473627	SYNGENTA	OWN	
870.1200	Acute dermal toxicity	47919737	SYNGENTA	OWN	
870.1200	Acute dermal toxicity	47919810	SYNGENTA	OWN	
870.1300	Acute inhalation toxicity	47473368	SYNGENTA	OWN	
870.1300	Acute inhalation toxicity	47473628	SYNGENTA	OWN	
870.1300	Acute inhalation toxicity	47919738	SYNGENTA	OWN	
870.1300	Acute inhalation toxicity	47919811	SYNGENTA	OWN	

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Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.7300	Density/relative density/bulk density	47473326	SYNGENTA	OWN	
830.7300	Density/relative density/bulk density	47473617	SYNGENTA	OWN	
830.7300	Density/relative density/bulk density	47919727	SYNGENTA	OWN	
830.7300	Density/relative density/bulk density	47919806	SYNGENTA	OWN	
830.7370	Dissociation constants in water	47473326	SYNGENTA	OWN	
830.7550	Partition coefficient (n-octanol/water), shake flask met	47473326	SYNGENTA	OWN	
830.7840	Water solubility: column elution method, shake flask	47473326	SYNGENTA	OWN	
830.7950	Water solubility, Vapor pressure	47473326	SYNGENTA	OWN	
850.6200	Earthworm subchronic toxicity test	47473493	SYNGENTA	OWN	
870.1100	Acute oral toxicity	47473366	SYNGENTA	OWN	
870.1100	Acute oral toxicity	47473626	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.6320	Corrosion characteristics	48372601	SYNGENTA	OWN	
830.7000	pH	47473326	SYNGENTA	OWN	
830.7000	pH	47473617	SYNGENTA	OWN	
830.7000	pH	47919727	SYNGENTA	OWN	
830.7000	pH	47919806	SYNGENTA	OWN	
830.7050	UV/Visible absorption	47473326	SYNGENTA	OWN	
830.7100	Viscosity	47473617	SYNGENTA	OWN	
830.7100	Viscosity	47919727	SYNGENTA	OWN	
830.7100	Viscosity	47919806	SYNGENTA	OWN	
830.7200	Melting point/melting range	47473326	SYNGENTA	OWN	
830.7220	Boiling point/boiling range	47473326	SYNGENTA	OWN	

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Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.6315	Flammability	47919727	SYNGENTA	OWN	
830.6315	Flammability	47919806	SYNGENTA	OWN	
830.6316	Explodability	47473326	SYNGENTA	OWN	
830.6316	Explodability	47473617	SYNGENTA	OWN	
830.6316	Explodability	47919727	SYNGENTA	OWN	
830.6316	Explodability	47919806	SYNGENTA	OWN	
830.6317	Storage Stability	47473326	SYNGENTA	OWN	
830.6317	Storage Stability	47473617	SYNGENTA	OWN	
830.6317	Storage Stability	47919727	SYNGENTA	OWN	
830.6317	Storage Stability	48372601	SYNGENTA	OWN	
830.6320	Corrosion characteristics	47473617	SYNGENTA	OWN	

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Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.6303	Physical state	47919806	SYNGENTA	OWN	
830.6304	Odor	47473326	SYNGENTA	OWN	
830.6304	Odor	47473617	SYNGENTA	OWN	
830.6304	Odor	47919727	SYNGENTA	OWN	
830.6304	Odor	47919806	SYNGENTA	OWN	
830.6313	Stability to normal and elevated temperatures, metals,	47473326	SYNGENTA	OWN	
830.6314	Oxidation/reduction: chemical incompatibility	47473617	SYNGENTA	OWN	
830.6314	Oxidation/reduction: chemical incompatibility	47919727	SYNGENTA	OWN	
830.6314	Oxidation/reduction: chemical incompatibility	47919806	SYNGENTA	OWN	
830.6315	Flammability	47473326	SYNGENTA	OWN	
830.6315	Flammability	47473617	SYNGENTA	OWN	

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Ingredient: Sedaxane					
Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.1800	Enforcement analytical method	47919728	SYNGENTA	OWN	
830.1800	Enforcement analytical method	47919729	SYNGENTA	OWN	
830.1800	Enforcement analytical method	47919807	SYNGENTA	OWN	
830.1800	Enforcement analytical method	47919808	SYNGENTA	OWN	
830.6302	Color	47473326	SYNGENTA	OWN	
830.6302	Color	47473617	SYNGENTA	OWN	
830.6302	Color	47919727	SYNGENTA	OWN	
830.6302	Color	47919806	SYNGENTA	OWN	
830.6303	Physical state	47473326	SYNGENTA	OWN	
830.6303	Physical state	47473617	SYNGENTA	OWN	
830.6303	Physical state	47919727	SYNGENTA	OWN	

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Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.1700	Preliminary analysis	48375501	SYNGENTA	OWN	
830.1750	Certified limits	47473302	SYNGENTA	OWN	
830.1750	Certified limits	47473602	SYNGENTA	OWN	
830.1750	Certified limits	47919702	SYNGENTA	OWN	
830.1750	Certified limits	47919802	SYNGENTA	OWN	
830.1800	Enforcement analytical method	47473302	SYNGENTA	OWN	
830.1800	Enforcement analytical method	47473327	SYNGENTA	OWN	
830.1800	Enforcement analytical method	47473328	SYNGENTA	OWN	
830.1800	Enforcement analytical method	47473329	SYNGENTA	OWN	
830.1800	Enforcement analytical method	47473618	SYNGENTA	OWN	
830.1800	Enforcement analytical method	47473619	SYNGENTA	OWN	

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Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
830.1600	Description of materials used to produce the product	47919802	SYNGENTA	OWN	
830.1620	Description of production process	47473302	SYNGENTA	OWN	
830.1650	Description of Formulation process	47473602	SYNGENTA	OWN	
830.1650	Description of Formulation process	47919702	SYNGENTA	OWN	
830.1650	Description of Formulation process	47919802	SYNGENTA	OWN	
830.1670	Discussion of formation of impurities	47473302	SYNGENTA	OWN	
830.1670	Discussion of formation of impurities	47473602	SYNGENTA	OWN	
830.1670	Discussion of formation of impurities	47919702	SYNGENTA	OWN	
830.1670	Discussion of formation of impurities	47919802	SYNGENTA	OWN	
830.1700	Preliminary analysis	47473302	SYNGENTA	OWN	
830.1700	Preliminary analysis	47473327	SYNGENTA	OWN	

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
Cite-All	Cite-All	Cite-All (FES	FIFRA ENDANGERED	PER	
Cite-All	Cite-All	Cite-All (ORE	OUTDOOR RESIDENT	PER	
Cite-All	Cite-All	Cite-All (SDT	SPRAY DRIFT TF	PER	
Cite-All	Cite-All	Cite-All (UST	U.S. TRIAZOLE TASK	PER	
830.1550	Product identity and composition	47473302	SYNGENTA	OWN	
830.1550	Product identity and composition	47473602	SYNGENTA	OWN	
830.1550	Product identity and composition	47919702	SYNGENTA	OWN	
830.1550	Product identity and composition	47919802	SYNGENTA	OWN	
830.1600	Description of materials used to produce the product	47473302	SYNGENTA	OWN	
830.1600	Description of materials used to produce the product	47473602	SYNGENTA	OWN	
830.1600	Description of materials used to produce the product	47919702	SYNGENTA	OWN	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date: 7/13/2012

Reg. No: 100-1381

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Syngenta Crop Protection, LLC, P.O. Box 18300, Greensboro, NC 2741

Product: Sedexane Technical

Ingredient: Sedaxane

Guideline Reference Number	Name	MRID	Submitter	Status	Notes
Non-GLN (3372)	Oral 28-day toxicity + liver biochem, TK, thyroid horm	47473372	SYNGENTA	OWN	
Non-GLN (3453)	Soil dissipation testing in a range of representative soi	47473453	SYNGENTA	OWN	
Non-GLN (3484)	Parasitoid	47473484	SYNGENTA	OWN	
Non-GLN (3485)	Predatory mites	47473485	SYNGENTA	OWN	
Non-GLN (3494)	Ground dwelling predatory species (selected to be rel	47473494	SYNGENTA	OWN	
Non-GLN (3505)	Ground dwelling predatory species (selected to be rel	47473505	SYNGENTA	OWN	
Non-GLN (9742)	Effects on non-target terrestrial arthropods in extende	47919742	SYNGENTA	OWN	
OECD 222 (3495)	Sublethal effects on earthworms	47473495	SYNGENTA	OWN	
OECD 507 (3438)	The nature of the residue	47473438	SYNGENTA	OWN	
Cite-All	Cite-All	Cite-All (AHE	AGRICULTURAL HAN	PER	
Cite-All	Cite-All	Cite-All (ART	AGRICULTURAL REE	PER	

Patrick McCain, Regulatory Product Manager

Date: 7/13/2012

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NEW APPLICATIONS

DATE: JUL 18 2012

FILE NUMBER: 100- RUAN

FEP (OPPIN ENTRY) ^{GM/}_{LV} JUL 18 2012
(Initial & date)

FILE ROOM: _____
(Initial & date)

SIG: _____
(Initial & date)

FILE ROOM: _____
(Initial & date)

✓ ASSIGN TO PM ✓ (NO DATA)

 JACKET TO SHELF (DATA)

